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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20080005
Agency Interest No. 687

Robert Hicks
Director, Fossil Plant Operations
Entergy Services, LLC
Parkwood Two Bldg
10055 Grogans Mill Rd MU T-PKWD-4
The Woodlands, TX 77380

RE: Part 70 Operating Permit Reopening, Little Gypsy Plant
Entergy Louisiana, LLC, Montz, St. Charles Parish, Louisiana

Dear Mr. Hicks:

This is to inform you that the permit reopening for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 30th of November, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 2520-00009-V2

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:dcd
c: EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
ENTERGY LOUISIANA, LLC - LITTLE GYPSY GENERATING PLANT

**PUBLIC HEARING AND REQUEST FOR PUBLIC COMMENT
 ON A PROPOSED PART 70 AIR OPERATING PERMIT REOPENING**

The LDEQ, Office of Environmental Services, will conduct a public hearing to receive comments on the Part 70 Air Operating Permit Reopening for Entergy Louisiana, LLC, 17420 River Road, Montz, LA 70068-9008 for the Little Gypsy Generating Plant. The facility is located at 17420 River Road, Montz, St. Charles Parish.

The hearing will be held on **Tuesday, September 23, 2008, beginning at 6:00 p.m., at the Saint Charles Parish Council Meeting Room located in the St. Charles Parish Courthouse, Council Chambers, 2nd Floor, 15045 Highway 18, Hahnville, LA. 70057.** During the hearing, all interested persons will have an opportunity to comment on the proposed permit.

Entergy Louisiana, LLC requested to:

- Incorporate a case-by-case determination of Maximum Achievable Control Technology (MACT) for the CFB Boilers (EQT 11 and EQT 12) in accordance with Section 112(g) of the Clean Air Act; and
- Revise the Phase II emission rates of mercury and hydrogen chloride for the CFB Boilers (EQT 11 and EQT 12) in order to reflect the emission limitations imposed by the above referenced MACT determination.

Case-by-case MACT in accordance with Section 112(g) of the Clean Air Act is applicable to the Little Gypsy Generating Plant. Section 112(g) requires that any constructed or reconstructed major source of Hazardous Air Pollutants (HAPs) receive a case-by-case MACT determination if no standard has been promulgated under Section 112(d) or Section 112(h) for the source category. The following emission sources that will be constructed at Little Gypsy Generating Plant do not have an applicable MACT standard for their source category promulgated under Sections 112(d) or 112(h) of the Clean Air Act: CFB Boiler Unit 3A (EQT 11) and CFB Boiler Unit 3B (EQT 12).

The proposed permit seeks to apply a case-by-case MACT determination in accordance with Section 112(g) of the Clean Air Act for Little Gypsy Generating Plant. This MACT determination imposes separate conditions for each of the following categories of HAPs: acid gases (which include hydrofluoric acid and hydrochloric acid), mercury, metallic HAPs, and organic HAPs. A summary of the conditions and limitations imposed by this MACT determination can be found within the Briefing Sheet portion of the proposed permit.

This permit was processed as an expedited permit in accordance with LAC 33:I.Chapter 18.

Pollutant	Phase II Before	Phase II After	Change
Hydrochloric acid	170.382	82.574	- 87.808
Mercury	0.282	0.078	- 0.204

The proposed permit constitutes a Notice of MACT Approval in accordance with 40 CFR 63.43(g) and was processed as a reopening for cause in accordance with LAC 33:III.529. LAC 33:III.529.A.2 states, in pertinent part, "Proceedings to reopen, revise, and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. . ." In accordance with LAC 33:III.529.A.2, LDEQ is accepting written comments that pertain to the proposed changes to the permit as described above. The case-by-case MACT requirements can be found in the Specific Requirements section of the permit under CRG0001. The emission rates that are associated with this change can be found in the Emission Rates for TAP/HAP & Other Pollutants section of the permit under GRP0020, GRP0022, EQT0011, and EQT0012.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

All interested persons will be afforded the opportunity to comment on the proposed Part 70 Air Operating Permit Reopening.

Written comments or written requests for notification of the final permit decision regarding this permit action may also be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests for notification must be received by 12:30 p.m., Thursday, September 25, 2008.** Written comments will be considered prior to a final permit decision.

LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The proposed permit and the statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.

Additional copies may be reviewed at the St. Charles Parish Library, Norco Branch, 197 Good Hope Street, Norco, LA 70079, the East Regional Branch, 100 River Oaks Drive, Destrehan, LA 70047 and the St. John the Baptist Parish Library, Headquarters, 2920 Highway 51, LaPlace, LA 70068.

Previous notices have been published in the Advocate and The St. Charles Herald Guide on May 3, 2007 and The L'Observateur on May 5, 2007.

Individuals with a disability, who need an accommodation in order to participate in the public hearing, should contact Laura Ambeau at the above address or by phone at (225) 219-3277.

Inquiries or requests for additional information regarding this permit action should be directed to Dustin Duhon, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3057.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at degmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at <http://www.deq.louisiana.gov/apps/pubNotice/default.asp> and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 687, Permit Number 2520-00009-V2, and Activity Number PER20080005.

Scheduled Publication Date: August 7, 2008 in The Advocate and The St. Charles Herald Guide and August 9, 2008 in The L'Observateur.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**LITTLE GYPSY PLANT
AGENCY INTEREST NO.: 687
ENTERGY LOUISIANA, LLC
MONTZ, ST. CHARLES PARISH, LOUISIANA**

I. Background

Little Gypsy Plant, an existing electric generation facility, began operation prior to 1962. The Little Gypsy Plant currently operates under Permit Nos. 2520-00009-V1 and PSD-LA-720, both issued on November 30, 2007.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Entergy Louisiana, LLC on May 30, 2008.

III. Description

The plant consists of three electric generating units. Unit 1 boiler burns natural gas as its primary fuel and no. 2 fuel oil as its secondary fuel. It has a maximum heat input of 2,292 MMBTU/hr for natural gas and 2,247 MMBTU/hr for fuel oil. Unit 1 exhausts out of two stacks, C1A and C1B. Unit 2 boiler burns natural gas as its primary fuel and no. 2 fuel oil as its secondary fuel. It has a maximum heat input of 4,550 MMBTU/hr for natural gas and 3,692 MMBTU/hr for fuel oil. Unit 2 exhausts out of two stacks, C2A and C2B. Unit 3 boiler burns natural gas as its primary fuel and no. 2 fuel oil as its secondary fuel. It has a maximum heat input of 5,578 MMBTU/hr for natural gas and 5,328 MMBTU/hr for fuel oil. Unit 3 exhausts out of one stack at a stack gas flow rate of 1,471,300 acfm. There are two fuel oil storage tanks on site, T1 and T2. Fuel combustion is the primary source of air emissions from the facility.

The plant will also consist of two (2) circulating fluidized bed (CFB) boilers, represented in this permit as EQT 11 and EQT 12. In a CFB boiler, solid fuel and a sorbent (typically limestone) are jointly fed directly to the combustion chamber. Primary air is injected from the bottom of the combustion chamber to provide combustion air as well as to fluidize the burning bed. Fluidization of the bed allows for high heat transfer rates at relatively low combustion temperatures. Because of the turbulence and velocity in the circulating bed, the fuel mixes with the bed material quickly and uniformly. Secondary air is introduced at various levels to ensure solids circulation, provide staged combustion for NOx reduction as well as control of carbon monoxide (CO) and volatile organic compounds (VOCs), and supply air for continuous combustion in the upper part of the combustion chamber.

As fuel is added to the CFB boiler it is quickly heated above its ignition point, ignites and becomes part of the burning bed. The fuel particles are entrained within the bed until they

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are consumed or removed in either the gas stream or with the bed ash. Entrainment of the fuel particles in the gas stream occurs when their size is in the range where the terminal and gas velocities are equal. As the fuel particle size decreases to the point that the terminal velocity is exceeded by the gas velocity, the particles are blown from the bed, collected by a particle separator, and returned to the boiler. These boilers will be fueled with petroleum coke and coal. Each boiler will have a maximum heat input of 2,828 MM BTU/hr.

Permit No. 2520-00009-V1, issued on November 30, 2007, authorized the following project, to be conducted in two phases as described below:

During Phase I, the CFB Boilers (EQT 11 and EQT 12) and the supporting equipment will be constructed. Unit 1 Boiler, Unit 2 Boiler, and Unit 3 Boiler will be fully operational in accordance with terms and conditions of this permit. The exiting boilers will be able to fire natural gas, No. 2 fuel oil, and No. 4 fuel oil.

Phase II will begin on the date that the CFB Boilers (EQT 11 and EQT 12) achieve commercial operation. On this date, Unit 3 Boiler (EQT 7) will cease all operations. Unit 3 Boiler will then be decommissioned and dismantled. At no time will Unit 3 Boiler and the CFB Boilers be operated concurrently. The facility will accept a fuel sulfur limitation that be sufficiently restrictive to disallow the combustion of No. 4 fuel oil.

With this reopening, Entergy Louisiana, LLC proposes to:

- Incorporate a case-by-case determination of Maximum Achievable Control Technology (MACT) for the CFB Boilers (EQT 11 and EQT 12) in accordance with Section 112(g) of the Clean Air Act; and
- Revise the Phase II emission rates of mercury and hydrochloric acid for the CFB Boilers (EQT 11 and EQT 12) in order to reflect the emission limitations imposed by the above referenced MACT determination.

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Estimated emissions in tons per year are as follows:

The emissions shown in the following tables indicate the emissions associated with Phase I. Phase I encompasses the time between the date of issuance of this permit and the date that the CFB Boilers (EQT 11 and EQT 12) begin commercial operation.

<u>Pollutant</u>	<u>Before</u>	<u>Phase I emissions</u>	<u>Change</u>
PM ₁₀	941.80	941.80	-
SO ₂	10976.94	10976.94	-
NO _x	33057.40	33057.40	-
CO	4482.36	4482.36	-
VOC*	298.27	298.27	-

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<u>VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	<u>Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>		
Pollutant	Phase I emissions	Pollutant	Phase I emissions
Benzene	0.112	1,1,1- Trichloroethane	0.036
1,4-Dichlorobenzene	0.065	Antimony (and compounds)	0.767
Ethylbenzene	0.010	Arsenic (and compounds)	0.200
Formaldehyde	7.250	Barium (and compounds)	0.500
n-Hexane	95.984	Beryllium (Table 51.1)	0.085
Naphthalene	0.193	Cadmium (and compounds)	0.095
Polynuclear Aromatic Hydrocarbons	0.713	Chromium VI (and compounds)	0.047
Toluene	1.056	Cobalt compounds	0.881
Xylenes	0.017	Copper (and compounds)	0.282
		Hydrochloric acid	52.045
		Hydrofluoric acid	5.441
		Lead compounds	0.235
		Manganese (and compounds)	0.448
		Mercury (and compounds)	0.070
		Nickel (and compounds)	12.361
		Selenium (and compounds)	0.317
		Zinc (and compounds)	5.071
Total	105.400		78.855

Other VOC (TPY): 192.87

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The emissions shown in the following tables indicate the emissions associated with Phase II. Phase II encompasses the time between the date that the CFB Boilers (EQT 11 and EQT 12) begin commercial operation and the date of issuance of the renewal of this permit.

<u>Pollutant</u>	<u>Phase I Emissions</u>	<u>Phase II Emissions</u>	<u>Change</u>
PM ₁₀	941.80	519.87	- 421.93
SO ₂	10976.94	4443.28	- 6533.66
NO _x	33057.40	18832.88	- 14224.52
CO	4482.36	4825.16	+ 342.80
VOC	298.27	277.45	- 20.82

<u>VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	<u>Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>		
<u>Pollutant</u>	<u>Phase II emissions</u>	<u>Pollutant</u>	<u>Phase II emissions</u>
Benzene	0.986	1,1,1-Trichloroethane	0.044
Benzyl chloride	0.498	Ammonia	64.552
Biphenyl	0.002	Antimony (and compounds)	0.016
Bromoform	0.028	Arsenic (and compounds)	0.446
Carbon disulfide	0.092	Barium (and compounds)	1.869
Chlorinated dibenzo-p-dioxins	0.00006	Beryllium (Table 51.1)	0.070
Chlorinated dibenzofurans	0.0002	Cadmium (and compounds)	0.106
alpha-Chloroacetophenone	0.006	Chlorine	< 0.001
Chlorobenzene	0.016	Chromium VI (and compounds)	0.190
Chloroethane	0.030	Cobalt compounds	0.088
Chloroform	0.042	Copper (and compounds)	0.108
Cumene	0.004	Dichloromethane	0.206
1,2-Dibromoethane	< 0.001	Hydrochloric acid	82.574
Cyanide compounds	1.776	Hydrofluoric acid	19.670
1,4-Dichlorobenzene	0.036	Lead compounds	0.514

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<u>VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	<u>Phase II emissions</u>	<u>Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	<u>Phase II emissions</u>
1,2-Dichloroethane	0.028	Manganese (and compounds)	0.677
Dimethyl sulfate	0.034	Mercury (and compounds)	0.078
2,4-Dinitrotoluene	< 0.001	Nickel (and compounds)	0.345
Ethylbenzene	0.074	Selenium (and compounds)	2.212
Formaldehyde	5.050	Sulfuric acid	28.310
n-Hexane	52.932	Tetrachloroethylene	0.030
Isophorone	0.412	Zinc (and compounds)	0.869
Methyl Tertiary Butyl Ether	0.024		
Methyl bromide	0.114		
Methyl chloride	0.376		
Methyl ethyl ketone	0.278		
Methyl methacrylate	0.014		
Monomethyl hydrazine	0.120		
Naphthalene	0.170		
Phenol	0.012		
Polynuclear Aromatic Hydrocarbons	0.614		
Propionaldehyde	0.270		
Styrene	0.018		
Toluene	0.998		
Vinyl acetate	0.006		
Xylenes	0.040		
Total	65.008		202.974

Other VOC (TPY): 212.41

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IV. Type of Review

The CFB Boilers (EQT 11 and EQT 12) are each subject to a case-by-case determination of Maximum Achievable Control Technology (MACT) in accordance with Section 112(g) of the Clean Air Act. The Hazardous Air Pollutants (HAPs) emitted from these sources were divided into five groups: mercury, acid gases (including hydrochloric acid and hydrofluoric acid), organic HAPs, and metallic HAPs.

A review was conducted that compared the CFB Boilers to other similar projects that have been permitted across the United States of America as well as other technical data. The information from the comparison was used to establish a MACT Floor, which is the emission control achieved in practice by the best controlled similar source. Upon determination of the MACT Floor, an analysis was performed to determine the possibility of emissions control that would be more stringent than the MACT Floor. Emissions controls that are more stringent than the MACT Floor and that are consistent with the definition of MACT have been incorporated into this MACT determination.

MACT for emissions of mercury has been determined to be the use of limestone injection and activated carbon injection in conjunction with a dry flue gas desulfurization device and a fabric filter. MACT for emissions of hydrochloric acid and hydrofluoric acid has been determined to be the use of limestone injection in conjunction with a dry flue gas desulfurization device and a fabric filter. MACT for emissions of organic HAPs has been determined to be good combustion practices. MACT for emissions of metallic HAPs has been determined to be the use of a fabric filter.

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The emissions limitations imposed by the above referenced MACT determination are summarized below:

Pollutant	Limitation	Averaging Period	Applies when firing ...
Hydrochloric Acid	0.0035 lb/MMBTU	Avg. of three 1 hr. tests	Bituminous coal
	0.0016 lb/MMBTU	Avg. of three 1 hr. tests	Petroleum coke
	0.0016 lb/MMBTU	Avg. of three 1 hr. tests	Subbituminous coal
Hydrofluoric acid	0.000157 lb/MMBTU	Avg. of three 1 hr. tests	Bituminous coal
	0.000157 lb/MMBTU	Avg. of three 1 hr. tests	Petroleum coke
	0.000834 lb/MMBTU	Avg. of three 1 hr. tests	Subbituminous coal
Mercury	0.008 lb/GWh	12 month rolling avg.	Bituminous coal
	0.003 lb/GWh	12 month rolling avg.	Petroleum coke
	0.005 lb/GWh	12 month rolling avg.	Subbituminous coal
Organic HAPs*	***0.10 lb CO/MMBTU	24 hr. block avg.	All fuels
	****0.15 lb CO/MMBTU	24 hr. block avg.	All fuels
Metallic HAPs**	0.011 lb PM/MMBTU	24 hr. avg.	All fuels

*Control of carbon monoxide (CO) is approved as a surrogate for control of organic HAPs.

This approval was made because both CO and organic HAPs are products of incomplete combustion. A reduction in CO will indicate more complete combustion, which will translate to a reduction in organic HAP emissions.

**Control of particulate matter (PM) is approved as a surrogate for control of metallic HAPs. Metallic HAPs are a subset of total PM. Any technology that controls PM will also control metallic HAPs. A reduction in PM emissions will translate to a reduction in metallic HAP emissions.

*** Applies when unit operates at greater than or equal to 60 percent of its maximum steam production output capacity.

****Applies when unit operates at less than 60 percent of its maximum steam production output capacity.

The monitoring requirements imposed by the above referenced MACT determination are summarized below:

Pollutant	Monitoring conducted using ...
Hydrochloric acid	Annual Stack Test
Hydrofluoric acid	Annual Stack Test
Mercury	Mercury Continuous Emissions Monitoring System (CEMS)
Organic HAPs	Carbon Monoxide Continuous Emissions Monitoring System (CEMS)
Metallic HAPs	Monitoring Requirements of 40 CFR 64

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All requirements imposed in accordance with Section 112(g) of the Clean Air Act can be found in the Specific Requirements section of this permit under the group entitled CRG0001 – MACT Requirements for CFB Boilers.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. However, electric utility steam generating units are exempt from the requirements of LAC 33:III.Chapter 51 per LAC 33:III.5105.B.2.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>; in the *St. Charles Herald Guide*, Boutte, on <date>, and in the *L'Observateur*, LaPlace, on <date>. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>.

This public notice constitutes a Notice of MACT Approval in accordance with 40 CFR 63.43(g) and was processed as a reopening for cause in accordance with LAC 33:III.529. LAC 33:III.529.A.2 states, in pertinent part, "Proceedings to reopen, revise, and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. . . ." In accordance with LAC 33:III.529.A.2, LDEQ is accepting written comments that pertain to the proposed changes to the permit as described above.

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VII. Effects on Ambient Air

Emissions associated with the reopening were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

Work Activity	Schedule	Chromium VI	Emission Rates - tons			
			Copper	Magnesium	Nickel	Zinc
Boiler Cleaning	Once every 3 years	0.013	0.013	0.009	0.013	0.100

IX. Insignificant Activities

ID No.:	Description	Citation
-	Oil Storage Tank (660 gallons)	LAC 33:III.501.B.5.A.3
-	Oil Storage Tank (300 gallons)	LAC 33:III.501.B.5.A.3
-	Lube Oil Storage Tank (6,190 gallons)	LAC 33:III.501.B.5.A.3
-	Two (2) Lube Oil Storage Tanks (6,300 gallons each)	LAC 33:III.501.B.5.A.3
-	Lube Oil Storage Tank (7,000 gallons)	LAC 33:III.501.B.5.A.3
-	Lube Oil Storage Tank (8,745 gallons)	LAC 33:III.501.B.5.A.3
-	Lube Oil Storage Tank (6,500 gallons)	LAC 33:III.501.B.5.A.3
-	Two (2) Lube Oil Storage Tanks (1,000 gallons each)	LAC 33:III.501.B.5.A.3
-	Used Oil Storage Tank (2,000 gallons)	LAC 33:III.501.B.5.A.3
T21	Microwave Tower Generator Propane Tank, pressurized (333 gallons)	LAC 33:III.501.B.5.A.3
-	Three (3) Sodium Hydroxide Storage Tanks (1,000 gallons each)	LAC 33:III.501.B.5.A.3
-	Morpholine Storage Tank (250 gallons)	LAC 33:III.501.B.5.A.3
-	Nalco Storage Tank (500 gallons)	LAC 33:III.501.B.5.A.3

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<u>ID No.:</u>	<u>Description</u>	<u>Citation</u>
-	Two (2) Diesel Storage Tanks (300 gallons each)	LAC 33:III.501.B.5.A.3
-	Sand Silo	LAC 33:III.501.B.5.A.4
-	Lab Vent	LAC 33:III.501.B.5.A.6
-	Portable Diesel Storage Tank (500 gallons)	LAC 33:III.501.B.5.A.8
-	Process Vent Analyzers	LAC 33:III.501.B.5.A.9
C4	Natural Gas-Fired Auxiliary Boiler	LAC 33:II.501.B.5.B.32
C5	Unit 1 & 2 Emergency Diesel Generator	LAC 33:II.501.B.5.B.32
C6	Unit 1 & 2 Emergency Diesel Generator	LAC 33:II.501.B.5.B.32
C7	Microwave Tower Generator	LAC 33:II.501.B.5.B.32

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY GENERATING PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, LLC
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33-III Chapter																			
		5	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	2301	29*	51*	53	56	59
EQT 3	Plant Wide	1		1	1	1												1			
EQT 4	C1A - Unit 1 Stack A				1	1	1														
EQT 5	C1B - Unit 1 Stack B					1	1	1													
EQT 6	C2A - Unit 2 Stack A						1	1	1												
EQT 7	C2B - Unit 2 Stack B						1	1	1												
EQT 8	C3 - Unit 3 Stack							1	1	1											
EQT 9	T1 - No. 2 Fuel Oil Storage Tank #1										3										
EQT 10	T2 - No. 2 Fuel Oil Storage Tank #2											3									
EQT 11	3A - CFB Boiler Unit 3A							1	1	1	1										
EQT 12	3B - CFB Boiler Unit 3B							1	1	1	1	1									
EQT 13	AC1 - Activated Carbon Silo #1							1	1	1	1	1									
EQT 14	AC2 - Activated Carbon Silo #2							1	1	1	1	1									
EQT 15	BA1A - Bed Ash Silos - Vacuum System #1							1	1	1	1	1									
EQT 16	BA1B - Bed Ash Silos - Vacuum System #2							1	1	1	1	1									
EQT 17	CT1 - Cooling Tower							1	1	1	1	1									
EQT 18	FA1A - Fly Ash Baghouse Vent - Silo 1							te	1	1	1	1									
EQT 19																					

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY GENERATING PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, LLC
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:II.Chapter																		
		5	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	2301	29*	51*	53	56
EQT 20	BA1C – Bed Ash Silos – Bin Vent Filter System	1	1																	
EQT 21	FA1B – Fly Ash Baghouse Vent – Silo 2	1	1																	
EQT 22	LS1 – Lime Silo #1	1	1																	
EQT 23	LS2 – Lime Silo #2	1	1																	
FUG 1	BA2 – Bed As Unloading to Trucks via Telescoping Chute	1	1																	
FUG 2	BA3A – Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1	1	1																	
FUG 3	BA3B – Bed Ash Loading to Landfill Trucks via Telescoping Chute	1	1																	
FUG 4	BA4 – Bed Ash Unloading to Landfill	1	1																	
FUG 5	FA2A – Fly Ash Loading to Trucks via Telescoping Chute - #1	1	1																	
FUG 6	FA2B – Fly Ash Loading to Trucks via Telescoping Chute - #2	1	1																	
FUG 7	FA3A – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #1	1	1																	
FUG 8	FA3B – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #2	1	1																	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**LITTLE GYPSY GENERATING PLANT
AGENCY INTEREST NO.: 687
ENERGY LOUISIANA, LLC
MONTZ, ST. CHARLES PARISH, LOUISIANA**

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III:Chapter																			
		5	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	2301	29*	51*	53	56	59
FUG 9	FA4 – Fly Ash Unloading to Landfill	1	1																		
FUG 10	FUG1 – Raw Material Handling Conveyors	1	1																		
FUG 11	FUG2 – Petroleum Coke Pile Fugitives	1	1																		
FUG 12	FUG3 – Coal Pile Fugitive Emissions	1	1																		
FUG 13	FUG4 – Limestone Storage Pile Fugitive Emissions	1	1																		
FUG 14	FUG5 – Fly Ash Pile Fugitive Emissions	1	1																		
FUG 15	FUG6 – Haul Road Fugitive Dust Emissions	1	1																		
FUG 17	TP1 – Transfer Point – Barge Unloader	1	1																		
FUG 18	TP2 - Transfer Point –Unloading Hopper to Barge Unloading Conveyor	1	1																		
FUG 19	TP3 - Transfer Point – Barge Unloading Conveyor to Transfer Conveyor	1	1																		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY GENERATING PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, LLC
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III:Chapter																		
		5	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	2301	29*	51*	53	56
FUG 20	TP4 - Transfer Point – Unloading Conveyor to the Storage Conveyor	1	1																	
FUG 21	TP5 - Transfer Point – Storage Conveyor to Stacker Conveyor	1	1																	
FUG 22	TP6 - Transfer Point – Stacker Conveyor to Storage Piles	1	1																	
FUG 23	TP7A - Transfer Point – Petroleum Coke Reclaim from Storage Piles	1	1																	
FUG 24	TP7B – Transfer Point – Coal/Limestone Reclaim from Storage Piles	1	1																	
FUG 25	TP8 - Transfer Point – Emergency Reclaim from Limestone Storage Piles	1	1																	
FUG 26	TP9 – Coke Reclaim Transfer Tower – Dust Collection	1	1																	
FUG 27	TP10 – Coal/Limestone Reclaim Transfer Tower – Dust Collection	1	1																	
FUG 28	TP11 – Diverter Transfer Tower – Dust Collection System	1	1																	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY GENERATING PLANT
AGENCY INTEREST NO.: 687
ENERGY LOUISIANA, LLC
MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																			
		5	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	2301	29*	51*	53	56	59
FUG 29	TP12 – Crusher Tower – Dust Collection System	1	1		1																
FUG 30	TP13 – Transfer Point – Plant Conveyors to Tripper Deck	1	1		1																

* The regulations indicated above are State Only regulations.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
 Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY GENERATING PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, LLC
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR						
		K	Ka	Kb	D	Da	Y	OOO	A	J	V	A	B	DDDD	52	64	72	73	75	77	78					
	Plant Wide																									
EQT 3	C1A - Unit 1 Stack A																									
EQT 4	C1B - Unit 1 Stack B																									
EQT 5	C2A - Unit 2 Stack A																									
EQT 6	C2B - Unit 2 Stack B																									
EQT 7	C3 - Unit 3 Stack																									
EQT 8	T1 - No. 2 Fuel Oil Storage Tank #1																									
EQT 9	T2 - No. 2 Fuel Oil Storage Tank #2																									
EQT 11	3A - CFB Boiler Unit 3A																									
EQT 12	3B - CFB Boiler Unit 3B																									
EQT 13	AC1 - Activated Carbon Silo #1																									
EQT 14	AC2 - Activated Carbon Silo #2																									
EQT 15	BA1A - Bed Ash Silos - Vacuum System #1																									
EQT 16	BA1B - Bed Ash Silos - Vacuum System #2																									
EQT 18	CT1 - Cooling Tower																									

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LITTLE GYPSY GENERATING PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, LLC
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61				40 CFR 63 NESHAP				40 CFR					
		K	Ka	Kb	D	Da	Y	000	A	J	V	A	B	DDDD	52	64	72	73	75	77	78
EQT 19	FA1A - Fly Ash Baghouse Vent – Silo 1																				1
EQT 20	BA1C – Bed Ash Silos – Bin Vent Filter System																				1
EQT 21	FA1B – Fly Ash Baghouse Vent – Silo 2																				1
EQT 22	LS1 – Lime Silo #1																				1
EQT 23	LS2 – Lime Silo #2																				1
FUG 1	BA2 – Bed As Unloading to Trucks via Telescoping Chute																				1
FUG 2	BA3A – Bed Ash Loading to Landfill Trucks via Telescoping Chute																				1
FUG 3	BA3B – Bed Ash Loading to Landfill Trucks via Telescoping Chute																				1
FUG 4	BA4 – Bed Ash Unloading to																				1
FUG 5	FA2A – Fly Ash Loading to Trucks via Telescoping Chute - #1																				1
FUG 6	FA2B – Fly Ash Loading to Trucks via Telescoping Chute - #2																				1

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 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR						
		K	Ka	Kb	D	Da	Y	OOO	A	J	V	A	B	DDDD	52	64	72	73	75	77	78					
FUG 7	FA3A – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #1																									
FUG 8	FA3B – Fly Ash Loading to Landfill Trucks via Telescoping Chute - #2																									
FUG 9	FA4 – Fly Ash Unloading to Landfill																									
FUG 10	FUG1 – Raw Material Handling Conveyors																									
FUG 11	FUG2 – Petroleum Coke Pile Fugitives																									
FUG 12	FUG3 – Coal Pile Fugitive Emissions																									
FUG 13	FUG4 – Limestone Storage Pile Fugitive Emissions																									
FUG 14	FUG5 – Fly Ash Pile Fugitive Emissions																									
FUG 15	FUG6 – Haul Road Fugitive Dust Emissions																									
FUG 17	TP1 – Transfer Point – Barge Unloader																									
FUG 18	TP2 - Transfer Point – Unloading Hopper to Barge Unloading																									

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY GENERATING PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, LLC
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR									
		K	Ka	Kb	D	Da	Y	000	A	J	V	A	B	DDDD	S2	64	72	73	75	77	78								
FUG 19	TP3 - Transfer Point – Barge Unloading Conveyor to Unloading Transfer Conveyor							1	1																				
FUG 20	TP4 - Transfer Point – Unloading Transfer Conveyor to the Storage Conveyor							1	1										1										
FUG 21	TP5 - Transfer Point – Storage Conveyor to Stacker Conveyor							1	1											1									
FUG 22	TP6 - Transfer Point – Stacker Conveyor to Storage Piles							1	1											1									
FUG 23	TP7A - Transfer Point – Petroleum Coke Reclaim from Storage Piles																		1										
FUG 24	TP7B – Transfer Point – Coal/Limestone Reclaim from Storage Piles											1	1							1									
FUG 25	TP8 - Transfer Point – Emergency Reclaim from Limestone Storage Piles											1								1									
FUG 26	TP9 – Coke Reclaim Transfer Tower – Dust Collection																				1								
FUG 27	TP10 – Coal/Limestone Reclaim Transfer Tower – Dust Collection											1	1								1								

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

LITTLE GYPSY GENERATING PLANT
 AGENCY INTEREST NO.: 687
 ENERGY LOUISIANA, LLC
 MONTZ, ST. CHARLES PARISH, LOUISIANA

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS								40 CFR 61								40 CFR 63								40 CFR							
		K	Ka	Kb	D	Da	Y	000	A	J	V	A	B	DDDD	52	64	72	73	75	77	78	NESHAP											
FUG 28	TP11 - Divertor Transfer Tower - Dust Collection System							1	1																								
FUG 29	TP12 - Crusher Tower - Dust Collection System								1	1																							
FUG 30	TP13 - Transfer Point - Plant Conveyors to Tripper Deck								1	1																							

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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 MONTZ, ST. CHARLES PARISH, LOUISIANA

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Entire Facility	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.Chapter 51]	EXEMPT. Electric utility steam generating units are exempt from the requirements of LAC 33:III Chapter 51. [LAC 33:III.5105.B.2]
EQTs 3-7	Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971. [40 CFR 60, Subpart D]	DOES NOT APPLY. Boilers were constructed prior to August 17, 1971. [40 CFR 60.40(c)]
EQT 8 & EQT 9	Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Storage tanks store materials with a vapor pressure less than 1.5 psia. [LAC 33:III.2103.B]
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60, Subpart Kb]	EXEMPT. Storage tanks store materials with a vapor pressure less than 3.5 kPa. [40 CFR 60.110b(b)]

The above table provides explanation for either the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 - 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 - 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
 1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

40 CFR PART 70 GENERAL CONDITIONS

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
 - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a

40 CFR PART 70 GENERAL CONDITIONS

written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

- a. Report by June 30 to cover January through March
- b. Report by September 30 to cover April through June
- c. Report by December 31 to cover July through September
- d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

40 CFR PART 70 GENERAL CONDITIONS

- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated May 30, 2008.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]
- These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.
- XVIII. Provisions of the permit may be appealed to the secretary in writing pursuant to La. R.S. 30:2024(A) within 30 days from notice of the permit action. A request may be made to the secretary to suspend those provisions of the permit specifically appealed. The permit remains in effect to the extent that the secretary or assistant secretary does not elect to suspend the appealed provisions as requested or, at his discretion, other permit provisions as well. Construction cannot proceed, except as specifically approved by the secretary or assistant secretary, until a final decision has been rendered on the appeal. A request for hearing must be sent to the Office of the Secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 687 Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Also Known As:	ID	Name	User Group	Start Date
	2520-00009	Entergy Louisiana LLC - Little Gypsy Generating Plant	CDS Number	08-04-1999
72-0245590		Federal Tax ID	Federal Tax ID	11-20-1999
LAD000757476		Entergy Louisiana LLC - Little Gypsy Generating Plant	Hazardous Waste Notification	08-18-1980
LA0003191		LPDES #	LPDES Permit #	06-25-2003
LAR05M355		LPDES #	LPDES Permit #	05-22-2003
WP0180		LWDPS #	LWDPS Permit #	06-25-2003
GD-089-2735		Site ID #	Solid Waste Facility No.	11-21-1999
104170		Little Gypsy Plant Unit 3	TEMPO Merge	01-29-2003
106180		Entergy LA Inc - Little Gypsy Plant Unit 2	TEMPO Merge	02-08-2001
17398		LP&L Co - Little Gypsy Units 1, 2 & 3	TEMPO Merge	02-08-2001
22162		LP&L Co	TEMPO Merge	02-08-2001
31433		Entergy Louisiana Inc	TEMPO Merge	02-08-2001
39762		LP&L Co - Little Gypsy	TEMPO Merge	06-25-2001
41380		Entergy LA Inc	TEMPO Merge	06-25-2001
72801		Little Gypsy Generating Plant	TEMPO Merge	03-25-2003
45006036		UST Facility ID (from UST legacy data)	UST FID #	10-12-2002
WQC JP 071206-02		Water Quality Certification #	Water Certification	12-12-2007
Physical Location:			Main FAX: 9856533447 Main Phone: 9856533445	
Mailing Address:	17420 River Rd Montz, LA 70068			
Location of Front Gate:	30° 0' 13" 96 hundredths latitude, 90° 27' 43" 40 hundredths longitude, Coordinate Method: GPS Code (Psuedo Range) Differential, Coordinate Datum: NAD83			
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Robert Hicks	10055 Grogans Mill Rd MU T-PKWD-4 The Woodlands, TX 77380 639 Loyola Ave L-ENT-5E New Orleans, LA 70113 639 Loyola Ave L-ENT-5E New Orleans, LA 70113 17420 River Rd Montz, LA 70068 17420 River Rd Montz, LA 70068 17420 River Rd Montz, LA 70068	5045764928 (WP) john21@entergy.com 5045933853 (WP) 5045933853 (WP) 5045933853 (WP)	Responsible Official for Emission Inventory Contact for Emission Inventory Contact for Asbestos Contact for Haz. Waste Billing Party for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Water Billing Party for

General Information

AI ID: 687 Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (WP)	Water Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Air Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (NP)	Air Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	UST Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (NP)	UST Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Accident Prevention Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (NP)	Accident Prevention Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Emission Inventory Billing Party
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (NP)	Emission Inventory Billing Party
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Solid Waste Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (NP)	Solid Waste Billing Party for
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Owns
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (WP)	Owns
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533447 (WF)	Operates
	Entergy Louisiana LLC	17420 River Rd Montz, LA 70068	9856533445 (WP)	Operates

NAC Codes: 22111, Electric Power Generation

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20008005
Permit Number: 2520-000009-V2
Air - Title V Regular Permit Reopening

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Little Gypsy Electric Generating Plant						
EQT0003	C1A - Unit 1 Stack A		256 MW			8760 hr/yr (All Year)
EQT0004	C1B - Unit 1 Stack B		256 MW			8760 hr/yr (All Year)
EQT0005	C2A - Unit 2 Stack A		438 MW			8760 hr/yr (All Year)
EQT0006	C2B - Unit 2 Stack B		438 MW			8760 hr/yr (All Year)
EQT0007	C3 - Unit 3 Stack		582 MW			8760 hr/yr (All Year)
EQT0008	T1 - Fuel Oil Storage Tank #1	2.02 million gallons			No. 2 Fuel Oil	8760 hr/yr (All Year)
EQT0009	T2 - Fuel Oil Storage Tank #2	4.2 million gallons			No. 2 Fuel Oil	8760 hr/yr (All Year)
EQT0011	3A - CFB Boiler Unit 3A		315 MW	315 MW		8760 hr/yr (All Year)
EQT0012	3B - CFB Boiler Unit 3B		315 MW	315 MW		8760 hr/yr (All Year)
EQT0013	AC1 - Activated Carbon Silo #1		25 tons/hr			365 hr/yr (All Year)
EQT0014	AC2 - Activated Carbon Silo #2		25 tons/hr			365 hr/yr (All Year)
EQT0015	BA1A - Bed Ash Silos - Vacuum System #1		56.76 tons/hr			8760 hr/yr (All Year)
EQT0016	BA1B - Bed Ash Silos - Vacuum System #2		56.76 tons/hr			8760 hr/yr (All Year)
EQT0018	CT1 - Cooling Tower		5000 gallons/min			8760 hr/yr (All Year)
EQT0019	FA1A - Fly Ash Baghouse Vent - Silo 1		78 tons/hr			8760 hr/yr (All Year)
EQT0020	BA1C - Bed Ash Silos - Bin Vent Filter System		78.52 tons/hr			8760 hr/yr (All Year)
EQT0021	FA1B - Fly Ash Baghouse Vent - Silo 2		78 tons/hr			8760 hr/yr (All Year)
EQT0022	LS1 - Lime Silo #1		25 tons/hr			2000 hr/yr (All Year)
EQT0023	LS2 - Lime Silo #2		25 tons/hr			2000 hr/yr (All Year)
EQT0024	T3 - Aqueous Ammonia Storage Tank	30000 gallons			aqueous ammonia	8760 hr/yr (All Year)
EQT0025	T4 - Aqueous Ammonia Storage Tank	30000 gallons			aqueous ammonia	8760 hr/yr (All Year)
FUG0001	BA2 - Bed Ash Unloading to Trucks via Telescoping Chute		250 tons/hr			4000 hr/yr (All Year)
FUG0002	BA3A - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1		250 tons/hr			2000 hr/yr (All Year)
FUG0003	BA3B - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #2		250 tons/hr			2000 hr/yr (All Year)
FUG0004	BA4 - Bed Ash Unloading to Landfill		250 tons/hr			2000 hr/yr (All Year)
FUG0005	FA2A - Fly Ash Loading to Trucks via Telescoping Chute - Silo 1		250 tons/hr			6000 hr/yr (All Year)
FUG0006	FA2B - Fly Ash Loading to Trucks via Telescoping Chute - Silo 2		250 tons/hr			6000 hr/yr (All Year)
FUG0007	FA3A - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 1		250 tons/hr			6000 hr/yr (All Year)
FUG0008	FA3B - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 2		250 tons/hr			6000 hr/yr (All Year)
FUG0009	FA4 - Fly Ash Unloading to Landfill		1000 tons/hr			1367 hr/yr (All Year)
FUG0010	FUG1 - Raw Material Handling Conveyors					8760 hr/yr (All Year)
FUG0011	FUG2 - Petroleum Coke Pile Fugitive Emissions		203000 tons/yr			8760 hr/yr (All Year)
FUG0012	FUG3 - Coal Pile Fugitive Emissions		60000 tons/yr			8760 hr/yr (All Year)
FUG0013	FUG4 - Limestone Storage Pile Fugitive Emissions		96000 tons/yr			8760 hr/yr (All Year)
FUG0014	FUG5 - Fly Ash Pile Fugitive Emissions		3.31 MM tons/yr			8760 hr/yr (All Year)

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Little Gypsy Electric Generating Plant						
FUG0015	FUG6 - Haul Road Fugitive Dust Emissions					8760 hr/yr (All Year)
FUG0017	TP1 - Transfer Point - Barge Unloader					800 hr/yr (All Year)
FUG0018	TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor					800 hr/yr (All Year)
FUG0019	TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor					800 hr/yr (All Year)
FUG0020	TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Conveyor					800 hr/yr (All Year)
FUG0021	TP5 - Transfer Point - Storage Conveyor to Stackier Conveyor					800 hr/yr (All Year)
FUG0022	TP6 - Transfer Point - Stackier Conveyor to Storage Piles					800 hr/yr (All Year)
FUG0023	TP7A - Transfer Point - Petroleum Coke Reclaim from Storage Piles					3200 hr/yr (All Year)
FUG0024	TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles					4300 hr/yr (All Year)
FUG0025	TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile					2100 hr/yr (All Year)
FUG0026	TP9 - Coke Reclaim Transfer Tower - Dust Collection					3200 hr/yr (All Year)
FUG0027	TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection					4300 hr/yr (All Year)
FUG0028	TP11 - Diverter Transfer Tower - Dust Collection System					4300 hr/yr (All Year)
FUG0029	TP12 - Crusher Tower - Dust Collection System					4300 hr/yr (All Year)
FUG0030	TP13 - Transfer Point - Plant Conveyors to Tripper Deck					4300 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Little Gypsy Electric Generating Plant							
EQT0003	C1A - Unit 1 Stack A	62.7	325800	10.5		162	250
EQT0004	C1B - Unit 1 Stack B	62.7	325800	10.5		162	250
EQT0005	C2A - Unit 2 Stack A	76.9	612500	13		182	261
EQT0006	C2B - Unit 2 Stack B	76.9	612500	13		182	261
EQT0007	C3 - Unit 3 Stack	59		23		172	282
EQT0011	3A - CFB Boiler Unit 3A	64.8	811200	16.5		465	175
EQT0012	3B - CFB Boiler Unit 3B	64.8	811200	16.5		465	175
EQT0013	AC1 - Activated Carbon Silo #1			.65		25	
EQT0014	AC2 - Activated Carbon Silo #2			.65		25	
EQT0015	BA1A - Bed Ash Silos - Vacuum System #1					110	
EQT0016	BA1B - Bed Ash Silos - Vacuum System #2					110	
EQT0018	CT1 - Cooling Tower					30	55

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Little Gypsy Electric Generating Plant							
EQT0019	FA1A - Fly Ash Baghouse Vent - Silo 1			1.9		110	
EQT0020	BA1C - Bed Ash Silos - Bin Vent Filter System			1.5		110	
EQT0021	FA1B - Fly Ash Baghouse Vent - Silo 2			1.9		110	
EQT0022	LS1 - Lime Silo #1			.65		23	
EQT0023	LS2 - Lime Silo #2			.65		23	

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG0001	Common Requirements Group	MACT - MACT Requirements for CFB Boilers
GRP0008	Permitted Total	Entire Facility - Little Gypsy Electric Generating Plant
GRP0009	Equipment Group	ARR - Acid Rain Requirements
GRP0019	Scenario	3A-SUSD - Unit 3A - Startup/Shutdown Scenario
GRP0020	Scenario	3A-NO - Unit 3A - Normal Operations
GRP0021	Scenario	* 3B-SUSD - Unit 3B - Startup/Shutdown Scenario
GRP0022	Scenario	3B-NO - Unit 3B - Normal Operations
GRP0023	Scenario	C1A - NO - Unit 1 Stack A - Normal Operations
GRP0025	Scenario	C1B - NO - Unit 1 Stack B - Normal Operations
GRP0027	Scenario	C2A - NO - Unit 2 Stack A - Normal Operations
GRP0029	Scenario	C2B - NO - Unit 2 Stack B - Normal Operations
GRP0031	Scenario	C3 - NO - Unit 3 - Normal Operations
GRP0032	Equipment Group	LCSCR - Lime & Carbon Silos Common Requirements
GRP0033	Equipment Group	ASCR - Ash Silos Common Requirements
GRP0034	Equipment Group	ALCR - Ash Loading Common Requirements
GRP0035	Equipment Group	SPCR - Storage File Common Requirements

Group Membership:

ID	Description	Member of Groups
CRG0001	MACT - MACT Requirements for CFB Boilers	GRP0000000008
EQT0003	C1A - Unit 1 Stack A	GRP0000000008, GRP0000000009, GRP0000000023
EQT0004	C1B - Unit 1 Stack B	GRP0000000008, GRP0000000009, GRP0000000025
EQT0005	C2A - Unit 2 Stack A	GRP0000000008, GRP0000000009, GRP0000000027
EQT0006	C2B - Unit 2 Stack B	GRP0000000008, GRP0000000009, GRP0000000029
EQT0007	C3 - Unit 3 Stack	GRP0000000008, GRP0000000009, GRP0000000031
EQT0008	T1 - Fuel Oil Storage Tank #1	GRP0000000008
EQT0009	T2 - Fuel Oil Storage Tank #2	GRP0000000008

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

Group Membership:

ID	Description	Member of Groups
EQT0011	3A - CFB Boiler Unit 3A	CRG0000000001, GRP0000000008, GRP0000000019,
EQT0012	3B - CFB Boiler Unit 3B	GRP0000000020, GRP0000000001, GRP0000000008, GRP0000000021,
EQT0013	AC1 - Activated Carbon Silo #1	GRG0000000022, GRP0000000008, GRP0000000032
EQT0014	AC2 - Activated Carbon Silo #2	GRP0000000008, GRP0000000032
EQT0015	BA/A - Bed Ash Silos - Vacuum System #1	GRP0000000008, GRP0000000033
EQT0016	BA/B - Bed Ash Silos - Vacuum System #2	GRP0000000008, GRP0000000033
EQT0018	CT1 - Cooling Tower	GRP0000000008
EQT0019	FA/A - Fly Ash Baghouse Vent - Silo 1	GRP0000000008, GRP0000000033
EQT0020	BA/C - Bed Ash Silos - Bin Vent Filter System	GRP0000000008, GRP0000000033
EQT0021	FA/B - Fly Ash Baghouse Vent - Silo 2	GRP0000000008, GRP0000000032
EQT0022	LS1 - Lime Silo #1	GRP0000000008, GRP0000000032
EQT0023	LS2 - Lime Silo #2	GRP0000000008
EQT0024	T3 - Aqueous Ammonia Storage Tank	GRP0000000008
EQT0025	T4 - Aqueous Ammonia Storage Tank	GRP0000000008, GRP0000000034
FUG0001	BA2 - Bed Ash Unloading to Trucks via Telescoping Chute	GRP0000000008, GRP0000000034
FUG0002	BA3A - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #1	GRP0000000008, GRP0000000034
FUG0003	BA3B - Bed Ash Loading to Landfill Trucks via Telescoping Chute - #2	GRP0000000008, GRP0000000034
FUG0004	BA4 - Bed Ash Unloading to Landfill	GRP0000000008, GRP0000000034
FUG0005	FA2A - Fly Ash Loading to Trucks via Telescoping Chute - Silo 1	GRP0000000008, GRP0000000034
FUG0006	FA2B - Fly Ash Loading to Trucks via Telescoping Chute - Silo 2	GRP0000000008, GRP0000000034
FUG0007	FA3A - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 1	GRP0000000008, GRP0000000034
FUG0008	FA3B - Fly Ash Loading to Landfill Trucks via Telescoping Chute - Silo 2	GRP0000000008, GRP0000000034
FUG0009	FA4 - Fly Ash Unloading to Landfill	GRP0000000008
FUG0010	FUG1 - Raw Material Handling Conveyors	GRP0000000008, GRP0000000035
FUG0011	FUG2 - Petroleum Coke Pile Fugitive Emissions	GRP0000000008, GRP0000000035
FUG0012	FUG3 - Coal Pile Fugitive Emissions	GRP0000000008, GRP0000000035
FUG0013	FUG4 - Limestone Storage Pile Fugitive Emissions	GRP0000000008, GRP0000000035
FUG0014	FUG5 - Fly Ash Pile Fugitive Emissions	GRP0000000008, GRP0000000035
FUG0015	FUG6 - Haul Road Fugitive Dust Emissions	GRP0000000008
FUG0017	TP1 - Transfer Point - Barge Unloader	GRP0000000008
FUG0018	TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor	GRP0000000008
FUG0019	TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor	GRP0000000008
FUG0020	TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Conveyor	GRP0000000008
FUG0021	TP5 - Transfer Point - Storage Conveyor to Stackter Conveyor	GRP0000000008
FUG0022	TP6 - Transfer Point - Stackter Conveyor to Storage Files	GRP0000000008
FUG0023	TP7A - Transfer Point - Petroleum Coke Reclaim from Storage Piles	GRP0000000008
FUG0024	TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles	GRP0000000008
FUG0025	TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile	GRP0000000008
FUG0026	TP9 - Coke Reclaim Transfer Tower - Dust Collection	GRP0000000008
FUG0027	TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection	GRP0000000008
FUG0028	TP11 - Diverter Transfer Tower - Dust Collection System	GRP0000000008

INVENTORIES

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER200B0005
 Permit Number: 2520-000009-V2
 Air - Title V Regular Permit Reopening

Group Membership:

ID	Description	Member of Groups
FUG0029	TP12 - Crusher Tower - Dust Collection System	GRP0000000008
FUG0030	TP13 - Transfer Point - Plant Conveyors to Tripper Deck	GRP0000000008
GRP0009	ARR - Acid Rain Requirements	GRP0000000008
GRP0019	3A-SUSD - Unit 3A - Startup/Shutdown Scenario	GRP0000000008
GRP0020	3A-NO - Unit 3A - Normal Operations	GRP0000000008
GRP0021	3B-SUSD - Unit 3B - Startup/Shutdown Scenario	GRP0000000008
GRP0022	3B-NO - Unit 3B - Normal Operations	GRP0000000008
GRP0023	C1A - NO - Unit 1 Stack A - Normal Operations	GRP0000000008
GRP0025	C1B - NO - Unit 1 Stack B - Normal Operations	GRP0000000008
GRP0027	C2A - NO - Unit 2 Stack A - Normal Operations	GRP0000000008
GRP0029	C2B - NO - Unit 2 Stack B - Normal Operations	GRP0000000008
GRP0031	C3 - NO - Unit 3 - Normal Operations	GRP0000000008
GRP0032	LCSCR - Lime & Carbon Silos Common Requirements	GRP0000000008
GRP0033	ASCR - Ash Silos Common Requirements	GRP0000000008
GRP0034	ALCR - Ash Loading Common Requirements	GRP0000000008
GRP0035	SPCR - Storage Pile Common Requirements	GRP0000000008

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1400	A) Electric Power Gen. (Over 0.7 percent S in Fuel) (Rated Capacity)	1650	MW

SIC Codes:

4911	Electric services	Al687
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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

Phase I

Subject Item	CO			NOx			PM10			SO2			VOC			
	Avg lb/hr	Max lb/hr	Tons/Year													
Little Gypsy Electric Generating Plant																
EQT 0003 C1A	413.60		3261.70				57.20			385.06					27.10	
EQT 0004 C1B	413.60		3261.70				57.20			385.06					27.10	
EQT 0005 C2A	821.08		5329.00				276.00			4190.00					53.73	
EQT 0006 C2B	821.08		5329.00				276.00			4190.00					53.73	
EQT 0007 C3	2013.00		15876.0				275.40			1826.82					131.70	
EQT 0008 T1														0.36	0.36	
EQT 0009 T2														0.76	0.76	
GRP 0023 C1A - NO	94.43	211.28	744.70	810.00	3261.70	13.10	38.40	57.20	87.91	582.25	385.06	6.19	6.23		27.10	
GRP 0025 C1B - NO	94.43	211.28	413.60	744.70	810.00	3261.70	13.10	38.40	57.20	87.91	582.25	385.06	6.19	6.23		27.10
GRP 0027 C2A - NO	187.46	391.00	821.08	1217.00	1217.00	5329.00	63.10	63.10	276.00	957.00	957.00	4190.00	12.27	12.27		53.73
GRP 0029 C2B - NO	187.46	391.00	821.08	1217.00	1217.00	5329.00	63.10	63.10	276.00	957.00	957.00	4190.00	12.27	12.27		53.73
GRP 0031 C3 - NO	459.60	1826.00	2013.00	3624.60	6803.00	15876.0	62.90	182.10	275.40	417.08	2761.00	1826.82	30.10	30.10		131.70

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Permit Phase Totals:

PM10: 941.80 tons/yr
 SO2: 10976.94 tons/yr
 NOx: 33057.40 tons/yr
 CO: 4482.36 tons/yr
 VOC: 298.27 tons/yr

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

Phase II

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Little Gypsy Electric Generating Plant															
EQT 0003 C1A		413.60				3261.70			37.64			40.77			27.10
EQT 0004 C1B		413.60				3261.70			37.64			40.77			27.10
EQT 0005 C2A		821.08				5329.00			74.73			419.02			53.73
EQT 0006 C2B		821.08				5329.00			74.73			419.02			53.73
EQT 0008 T1													0.36	0.36	1.59
EQT 0009 T2													0.76	0.76	3.32
EQT 0011 3A		1177.90				825.74			129.76			1761.85			55.44
EQT 0012 3B		1177.90				825.74			129.76			1761.85			55.44
EQT 0013 AC1							0.01	0.12	0.02						
EQT 0014 AC2							0.01	0.12	0.02						
EQT 0015 BA1A							0.001	0.001	0.003						
EQT 0016 BA1B							0.001	0.001	0.003						
EQT 0018 CT1							0.03	0.05	0.13						
EQT 0019 FA1A							0.38	0.38	1.67						
EQT 0020 BA1C							0.001	0.001	0.004						
EQT 0021 FA1B							0.38	0.38	1.67						
EQT 0022 LS1							0.28	0.28	0.28						
EQT 0023 LS2							0.28	0.28	0.28						
FUG 0001 BA2							0.35	3.49	0.71						
FUG 0002 BA3A							0.01	0.05	0.01						
FUG 0003 BA3B							0.01	0.05	0.01						
FUG 0004 BA4							0.11	1.05	0.11						

EMISSION RATES FOR CRITERIA POLLUTANTS

All ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

Phase II

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Little Gypsy Electric Generating Plant															
FUG 0005 FA2A										0.35	3.49	1.06			
FUG 0006 FA2B										0.35	3.49	1.06			
FUG 0007 FA3A										0.01	0.11	0.03			
FUG 0008 FA3B										0.01	0.11	0.03			
FUG 0009 FA4										0.21	2.11	0.15			
FUG 0010 FUG1										0.55	37.42	2.42			
FUG 0011 FUG2										0.49	187.47	2.16			
FUG 0012 FUG3										0.47	129.41	2.04			
FUG 0013 FUG4										0.42	170.58	1.82			
FUG 0014 FUG5										0.05	25.11	0.22			
FUG 0015 FUG6										3.93	4.07	17.20			
FUG 0017 TP1										0.15	1.65	0.08			
FUG 0018 TP2										0.15	1.65	0.08			
FUG 0019 TP3										0.15	1.65	0.08			
FUG 0020 TP4										0.09	0.82	0.05			
FUG 0021 TP5										0.33	4.11	0.18			
FUG 0022 TP6										0.33	4.11	0.18			
FUG 0023 TP7A										0.14	1.38	0.22			
FUG 0024 TP7B										0.31	6.37	0.99			
FUG 0025 TP8										0.15	0.15	0.16			
FUG 0026 TP9										0.004	0.004	0.01			
FUG 0027 TP10										0.003	0.004	0.01			

EMISSION RATES FOR CRITERIA POLLUTANTS

AID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER2008005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

Phase II

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Little Gypsy Electric Generating Plant															
FUG 0028 TP11							0.01	0.01	0.02						
FUG 0029 TP12							0.12	0.14	0.38						
FUG 0030 TP13							0.02	0.02	0.06						
GRP 0019	403.98												2279.12		
3A-SUSD 3A-NO	269.32	282.79	1179.60	188.50	318.13	825.74	29.63	31.11	129.76	403.98	424.18	1769.40	12.66	14.14	55.44
GRP 0021															
3B-SUSD	403.98														
GRP 0022	269.32	282.79	1179.60	188.50	318.13	825.74	29.63	31.11	129.76	403.98	424.18	1769.40	12.66	14.14	55.44
3B-NO															
GRP 0023 C1A - NO	94.43	211.28	413.60	744.70	810.00	3261.70	8.60	8.60	37.64	9.31	58.23	40.77	6.19	6.23	27.10
GRP 0025 C1B - NO	94.43	211.28	413.60	744.70	810.00	3261.70	8.60	8.60	37.64	9.31	58.23	40.77	6.19	6.23	27.10
GRP 0027 C2A - NO	187.46	391.00	821.08	1217.00	1217.00	6329.00	17.06	17.06	74.73	95.67	95.67	419.00	12.27	12.27	53.73
GRP 0029 C2B - NO	187.46	391.00	821.08	1217.00	1217.00	6329.00	17.06	17.06	74.73	95.67	95.67	419.00	12.27	12.27	53.73

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Permit Phase Totals:

PM10: 519.87 tons/yr
 SO2: 4443.28 tons/yr
 NOx: 18832.88 tons/yr
 CO: 4825.16 tons/yr
 VOC: 277.45 tons/yr

Emission rates Notes:

GRP 0019 SO2 Max lb/hr
 GRP 0019 CO Max lb/hr
 GRP 0020 SO2 Max lb/hr
 GRP 0020 CO Max lb/hr
 GRP 0021 SO2 Max lb/hr

This emission limitation applies only during startup and shutdown. Which Months: All Year
 This emission limitation applies only during startup and shutdown. Which Months: All Year
 This emission limitation applies at all times except during startup and shutdown. Which Months: All Year
 This emission limitation applies at all times except during startup and shutdown. Which Months: All Year
 This emission limitation applies only during startup and shutdown. Which Months: All Year

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-D0009-V2

Air - Title V Regular Permit Reopening

Phase II

GRP 0021	CO	Max lb/hr	This emission limitation applies only during startup and shutdown.	Which Months: All Year
GRP 0022	SO2	Max lb/hr	This emission limitation applies at all times except during startup and shutdown.	Which Months: All Year
GRP 0022	CO	Max lb/hr	This emission limitation applies at all times except during startup and shutdown.	Which Months: All Year

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 C1A	1,1,1-Trichloroethane			0.001
	1,4-Dichlorobenzene			0.006
	Antimony (and compounds)			0.027
	Arsenic (and compounds)			0.008
	Barium (and compounds)			0.031
	Benzene			0.010
	Beryllium (Table 51.1)			0.002
	Cadmium (and compounds)			0.007
	Chromium VI (and compounds)			0.002
	Cobalt compounds			0.031
	Copper (and compounds)			0.013
	Ethyl benzene			< 0.001
	Formaldehyde			0.492
	Hydrochloric acid			1.816
	Hydrofluoric acid			0.190
	Lead compounds			0.010
	Manganese (and compounds)			0.017
	Mercury (and compounds)			0.003
	Naphthalene			0.009
	Nickel (and compounds)			0.439
	Polynuclear Aromatic Hydrocarbons			0.027
	Selenium (and compounds)			0.011
	Toluene			0.048
	Xylene (mixed isomers)			0.001
	Zinc (and compounds)			0.269
	n-Hexane			8.858
EQT 0004 C1B	1,1,1-Trichloroethane			0.001
	1,4-Dichlorobenzene			0.006
	Antimony (and compounds)			0.027
	Arsenic (and compounds)			0.008
	Barium (and compounds)			0.031
	Benzene			0.010

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 C1B	Beryllium (Table 51.1)			0.002
	Cadmium (and compounds)			0.007
	Chromium VI (and compounds)			0.003
	Cobalt compounds			0.031
	Copper (and compounds)			0.013
	Ethyl benzene			< 0.001
	Formaldehyde			0.492
	Hydrochloric acid			1.816
	Hydrofluoric acid			0.190
	Lead compounds			0.010
	Manganese (and compounds)			0.017
	Mercury (and compounds)			0.003
	Naphthalene			0.009
	Nickel (and compounds)			0.439
	Polynuclear Aromatic Hydrocarbons			0.027
	Selenium (and compounds)			0.011
	Toluene			0.048
	Xylene (mixed isomers)			0.001
	Zinc (and compounds)			0.269
	n-Hexane			8.858
EQT 0005 C2A	1,1,1-Trichloroethane			0.014
	1,4-Dichlorobenzene			0.012
	Antimony (and compounds)			0.293
	Arsenic (and compounds)			0.074
	Barium (and compounds)			0.143
	Benzene			0.021
	Beryllium (Table 51.1)			0.024
	Cadmium (and compounds)			0.024
	Chromium VI (and compounds)			0.014
	Cobalt compounds			0.336
	Copper (and compounds)			0.098
	Ethyl benzene			0.004

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0005 C2A	Formaldehyde			1.948
	Hydrochloric acid			19.900
	Hydrofluoric acid			2.080
	Lead compounds			0.084
	Manganese (and compounds)			0.167
	Mercury (and compounds)			0.024
	Naphthalene			0.067
	Nickel (and compounds)			4.700
	Polynuclear Aromatic Hydrocarbons			0.265
	Selenium (and compounds)			0.121
	Toluene			0.366
	Xylene (mixed isomers)			0.006
	Zinc (and compounds)			1.620
	n-Hexane			17.584
EQT 0006 C2B	1,1,1-Trichloroethane			0.014
	1,4-Dichlorobenzene			0.012
	Antimony (and compounds)			0.293
	Arsenic (and compounds)			0.074
	Barium (and compounds)			0.143
	Benzene			0.021
	Beryllium (Table 51.1)			0.024
	Cadmium (and compounds)			0.024
	Chromium VI (and compounds)			0.014
	Cobalt compounds			0.336
	Copper (and compounds)			0.098
	Ethyl benzene			0.004
	Formaldehyde			1.948
	Hydrochloric acid			19.900
	Hydrofluoric acid			2.080
	Lead compounds			0.084
	Manganese (and compounds)			0.167
	Mercury (and compounds)			0.024

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0006 C2B	Naphthalene			0.067
	Nickel (and compounds)			4.700
	Polynuclear Aromatic Hydrocarbons			0.265
	Selenium (and compounds)			0.121
	Toluene			0.366
	Xylene (mixed isomers)			0.006
	Zinc (and compounds)			1.620
	n-Hexane			17.584
EQT 0007 C3	1,1,1-Trichloroethane			0.006
	1,4-Dichlorobenzene			0.029
	Antimony (and compounds)			0.127
	Arsenic (and compounds)			0.036
	Barium (and compounds)			0.152
	Benzene			0.050
	Beryllium (Table 51.1)			0.011
	Cadmium (and compounds)			0.033
	Chromium VI (and compounds)			0.014
	Cobalt compounds			0.147
	Copper (and compounds)			0.060
	Ethyl benzene			0.002
	Formaldehyde			2.370
	Hydrochloric acid			8.613
	Hydrofluoric acid			0.901
	Lead compounds			0.047
	Manganese (and compounds)			0.080
	Mercury (and compounds)			0.016
	Naphthalene			0.041
	Nickel (and compounds)			2.083
	Polynuclear Aromatic Hydrocarbons			0.129
	Selenium (and compounds)			0.053
	Toluene			0.228
	Xylene (mixed isomers)			0.003

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0007 C3	Zinc (and compounds)			1.293
	n-Hexane			43.100
GRP 0023 C1A - NO	1,1,1-Trichloroethane	< 0.001	0.002	0.001
	1,4-Dichlorobenzene	0.001	0.001	0.006
	Antimony (and compounds)	0.006	0.041	0.027
	Arsenic (and compounds)	0.002	0.010	0.008
	Barium (and compounds)	0.007	0.020	0.031
	Benzene	0.002	0.002	0.010
	Beryllium (Table 51.1)	0.001	0.003	0.002
	Cadmium (and compounds)	0.002	0.003	0.007
	Chromium VI (and compounds)	0.001	0.002	0.003
	Cobalt compounds	0.007	0.047	0.031
	Copper (and compounds)	0.003	0.014	0.013
	Ethyl benzene	< 0.001	0.001	< 0.001
	Formaldehyde	0.112	0.271	0.492
	Hydrochloric acid	0.415	2.764	1.816
	Hydrofluoric acid	0.043	0.289	0.190
	Lead compounds	0.002	0.012	0.010
	Manganese (and compounds)	0.004	0.023	0.017
	Mercury (and compounds)	0.001	0.003	0.003
	Naphthalene	0.002	0.010	0.009
GRP 0025 C1B - NO	Nickel (and compounds)	0.100	0.655	0.439
	Polynuclear Aromatic Hydrocarbons	0.006	0.037	0.027
	Selenium (and compounds)	0.003	0.017	0.011
	Toluene	0.011	0.051	0.048
	Xylene (mixed isomers)	< 0.001	0.001	0.001
	Zinc (and compounds)	0.062	0.225	0.269
	n-Hexane	2.022	2.022	8.858
	1,1,1-Trichloroethane	< 0.001	0.002	0.001
	1,4-Dichlorobenzene	0.001	0.001	0.006
	Antimony (and compounds)	0.006	0.041	0.027
	Arsenic (and compounds)	0.002	0.010	0.008

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0025 C1B - NO	Barium (and compounds)	0.007	0.020	0.031
	Benzene	0.002	0.002	0.010
	Beryllium (Table 51.1)	0.001	0.003	0.002
	Cadmium (and compounds)	0.002	0.003	0.007
	Chromium VI (and compounds)	0.001	0.002	0.003
	Cobalt compounds	0.007	0.047	0.031
	Copper (and compounds)	0.003	0.014	0.013
	Ethyl benzene	< 0.001	0.001	< 0.001
	Formaldehyde	0.112	0.271	0.492
	Hydrochloric acid	0.415	2.764	1.816
	Hydrofluoric acid	0.043	0.289	0.190
	Lead compounds	0.002	0.012	0.010
	Manganese (and compounds)	0.004	0.023	0.017
	Mercury (and compounds)	0.001	0.003	0.003
	Naphthalene	0.002	0.010	0.009
	Nickel (and compounds)	0.100	0.655	0.439
	Polynuclear Aromatic Hydrocarbons	0.006	0.037	0.027
	Selenium (and compounds)	0.003	0.017	0.011
	Toluene	0.011	0.051	0.048
	Xylene (mixed isomers)	< 0.001	0.001	0.001
GRP 0027 C2A - NO	Zinc (and compounds)	0.062	0.225	0.269
	n-Hexane	2.022	2.022	8.858
	1,1,1-Trichloroethane	0.003	0.003	0.014
	1,4-Dichlorobenzene	0.003	0.003	0.012
	Antimony (and compounds)	0.067	0.067	0.293
	Arsenic (and compounds)	0.017	0.017	0.074
	Barium (and compounds)	0.033	0.033	0.143
	Benzene	0.005	0.005	0.021
	Beryllium (Table 51.1)	0.006	0.006	0.024
	Cadmium (and compounds)	0.006	0.006	0.024
	Chromium VI (and compounds)	0.003	0.003	0.014
	Cobalt compounds	0.077	0.077	0.336

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0027 C2A - NO	Copper (and compounds)	0.022	0.022	0.098
	Ethyl benzene	0.001	0.001	0.004
	Formaldehyde	0.445	0.445	1.948
	Hydrochloric acid	4.542	4.542	19.900
	Hydrofluoric acid	0.475	0.475	2.080
	Lead compounds	0.019	0.019	0.084
	Manganese (and compounds)	0.038	0.038	0.167
	Mercury (and compounds)	0.006	0.006	0.024
	Naphthalene	0.015	0.015	0.067
	Nickel (and compounds)	1.076	1.076	4.700
	Polynuclear Aromatic Hydrocarbons	0.061	0.061	0.265
	Selenium (and compounds)	0.028	0.028	0.121
	Toluene	0.084	0.084	0.366
	Xylene (mixed Isomers)	0.001	0.001	0.006
GRP 0029 C2B - NO	Zinc (and compounds)	0.370	0.370	1.620
	n-Hexane	4.015	4.015	17.584
	1,1,1-Trichloroethane	0.003	0.003	0.014
	1,4-Dichlorobenzene	0.003	0.003	0.012
	Antimony (and compounds)	0.067	0.067	0.293
	Arsenic (and compounds)	0.017	0.017	0.074
	Barium (and compounds)	0.033	0.033	0.143
	Benzene	0.005	0.005	0.021
	Beryllium (Table 51.1)	0.006	0.006	0.024
	Cadmium (and compounds)	0.006	0.006	0.024
	Chromium VI (and compounds)	0.003	0.003	0.014
	Cobalt compounds	0.077	0.077	0.336
	Copper (and compounds)	0.022	0.022	0.098
	Ethyl benzene	0.001	0.001	0.004

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0029 C2B - NO	Manganese (and compounds)	0.038	0.038	0.167
	Mercury (and compounds)	0.006	0.006	0.024
	Naphthalene	0.015	0.015	0.067
	Nickel (and compounds)	1.076	1.076	4.700
	Polynuclear Aromatic Hydrocarbons	0.061	0.061	0.265
	Selenium (and compounds)	0.028	0.028	0.121
	Toluene	0.084	0.084	0.366
	Xylene (mixed isomers)	0.001	0.001	0.006
	Zinc (and compounds)	0.370	0.370	1.620
	n-Hexane	4.015	4.015	17.584
GRP 0031 C3 - NO	1,1,1-Trichloroethane	0.001	0.009	0.006
	1,4-Dichlorobenzene	0.007	0.007	0.029
	Antimony (and compounds)	0.029	0.193	0.127
	Arsenic (and compounds)	0.008	0.049	0.036
	Barium (and compounds)	0.035	0.094	0.152
	Benzene	0.011	0.011	0.050
	Beryllium (Table 51.1)	0.002	0.016	0.011
	Cadmium (and compounds)	0.008	0.016	0.033
	Chromium VI (and compounds)	0.003	0.009	0.014
	Cobalt compounds	0.034	0.221	0.147
	Copper (and compounds)	0.014	0.065	0.060
	Ethyl benzene	< 0.001	0.002	0.002
	Formaldehyde	0.541	1.283	2.370
	Hydrochloric acid	1.966	13.109	8.613
	Hydrofluoric acid	0.206	1.371	0.901
	Lead compounds	0.011	0.055	0.047
	Manganese (and compounds)	0.018	0.110	0.080
	Mercury (and compounds)	0.004	0.016	0.016
	Naphthalene	0.009	0.044	0.041
	Nickel (and compounds)	0.476	3.105	2.083
	Polynuclear Aromatic Hydrocarbons	0.029	0.175	0.129
	Selenium (and compounds)	0.012	0.080	0.053

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0031 C3 - NO	Toluene	0.052	0.241	0.228
	Xylene (mixed isomers)	0.001	0.004	0.003
	Zinc (and compounds)	0.295	1.069	1.293
	n-Hexane	9.840	9.840	43.100

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

Permit Parameter Totals:

1,1,1-Trichloroethane: 0.036 tons/yr

1,4-Dichlorobenzene: 0.065 tons/yr

Antimony (and compounds): 0.767 tons/yr

Arsenic (and compounds): 0.200 tons/yr

Barium (and compounds): 0.500 tons/yr

Benzene: 0.112 tons/yr

Beryllium (Table 51.1): 0.063 tons/yr

Cadmium (and compounds): 0.095 tons/yr

Chromium VI (and compounds): 0.047 tons/yr

Cobalt compounds: 0.881 tons/yr

Copper (and compounds): 0.282 tons/yr

Ethyl benzene: 0.010 tons/yr

Formaldehyde: 7.250 tons/yr

Hydrochloric acid: 52.045 tons/yr

Hydrofluoric acid: 5.441 tons/yr

Lead compounds: 0.235 tons/yr

Manganese (and compounds): 0.448 tons/yr

Mercury (and compounds): 0.070 tons/yr

n-Hexane: 95.984 tons/yr

Naphthalene: 0.193 tons/yr

Nickel (and compounds): 12.361 tons/yr

Polynuclear Aromatic Hydrocarbons: 0.713 tons/yr

Selenium (and compounds): 0.317 tons/yr

Toluene: 1.056 tons/yr

Xylene (mixed isomers): 0.017 tons/yr

Zinc (and compounds): 5.071 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 C1A	1,1,1-Trichloroethane			0.001
	1,4-Dichlorobenzene			0.006
	Arsenic (and compounds)			0.004
	Barium (and compounds)			0.022
	Benzene			0.010
	Beryllium (Table 51.1)			0.002
	Cadmium (and compounds)			0.007
	Chromium VI (and compounds)			0.002
	Cobalt compounds			< 0.001
	Copper (and compounds)			0.005
	Ethyl benzene			< 0.001
	Formaldehyde			0.492
	Lead compounds			0.010
	Manganese (and compounds)			0.007
	Mercury (and compounds)			0.004
	Naphthalene			0.009
	Nickel (and compounds)			0.010
	Polynuclear Aromatic Hydrocarbons			0.027
	Selenium (and compounds)			0.020
	Toluene			0.048
	Xylene (mixed isomers)			0.001
	Zinc (and compounds)			0.143
	n-Hexane			8.858
EQT 0004 C1B	1,1,1-Trichloroethane			0.001
	1,4-Dichlorobenzene			0.006
	Arsenic (and compounds)			0.004
	Barium (and compounds)			0.022
	Benzene			0.010
	Beryllium (Table 51.1)			0.002
	Cadmium (and compounds)			0.007
	Chromium VI (and compounds)			0.008
	Cobalt compounds			< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
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 Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 C1B	Copper (and compounds)			0.005
	Ethyl benzene			< 0.001
	Formaldehyde			0.492
	Lead compounds			0.010
	Manganese (and compounds)			0.007
	Mercury (and compounds)			0.004
	Naphthalene			0.009
	Nickel (and compounds)			0.010
	Polynuclear Aromatic Hydrocarbons			0.027
	Selenium (and compounds)			0.020
	Toluene			0.048
	Xylene (mixed isomers)			0.001
	Zinc (and compounds)			0.143
	n-Hexane			8.858
EQT 0005 C2A	1,1,1-Trichloroethane			0.014
	1,4-Dichlorobenzene			0.012
	Arsenic (and compounds)			0.032
	Barium (and compounds)			0.043
	Benzene			0.021
	Beryllium (Table 51.1)			0.024
	Cadmium (and compounds)			0.024
	Chromium VI (and compounds)			0.007
	Cobalt compounds			< 0.001
	Copper (and compounds)			0.049
	Ethyl benzene			0.004
	Formaldehyde			1.948
	Lead compounds			0.073
	Manganese (and compounds)			0.049
	Mercury (and compounds)			0.024
	Naphthalene			0.067
	Nickel (and compounds)			0.024
	Polynuclear Aromatic Hydrocarbons			0.265

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

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Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0005 C2A	Selenium (and compounds)			0.121
	Toluene			0.366
	Xylene (mixed isomers)			0.006
	Zinc (and compounds)			0.283
	n-Hexane			17.584
EQT 0006 C2B	1,1,1-Trichloroethane			0.014
	1,4-Dichlorobenzene			0.012
	Arsenic (and compounds)			0.032
	Barium (and compounds)			0.043
	Benzene			0.021
	Beryllium (Table 51.1)			0.024
	Cadmium (and compounds)			0.024
	Chromium VI (and compounds)			0.007
	Cobalt compounds			< 0.001
	Copper (and compounds)			0.049
	Ethyl benzene			0.004
	Formaldehyde			1.948
	Lead compounds			0.073
	Manganese (and compounds)			0.049
	Mercury (and compounds)			0.024
	Naphthalene			0.067
	Nickel (and compounds)			0.024
	Polynuclear Aromatic Hydrocarbons			0.265
	Selenium (and compounds)			0.121
	Toluene			0.366
	Xylene (mixed isomers)			0.006
	Zinc (and compounds)			0.283
	n-Hexane			17.584
EQT 0011 3A	1,1,1-Trichloroethane			0.007
	1,2-Dibromoethane			< 0.001
	1,2-Dichloroethane			0.014
	2,4-Dinitrotoluene			< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0011 3A	Ammonia			30.670
	Antimony (and compounds)			0.008
	Arsenic (and compounds)			0.187
	Barium (and compounds)			0.860
	Benzene			0.462
	Benzyl chloride			0.249
	Beryllium (Table 51.1)			0.009
	Biphenyl			0.001
	Bromoform			0.014
	Cadmium (and compounds)			0.022
	Carbon disulfide			0.046
	Chlorinated Dibenzo-P-Dioxins			0.00003
	Chlorinated dibenzofurans			0.0001
	Chlorobenzene			0.008
	Chloroethane			0.015
	Chloroform			0.021
	Chromium VI (and compounds)			0.083
	Cobalt compounds			0.044
	Cumene			0.002
	Cyanide compounds			0.888
	Dichloromethane			0.103
	Dimethyl sulfate			0.017
	Ethyl benzene			0.033
	Formaldehyde			0.085
	Hydrochloric acid			41.287
	Hydrofluoric acid			9.835
	Isophorone			0.206
	Lead compounds			0.174
	Manganese (and compounds)			0.281
	Mercury (and compounds)			0.011
	Methyl Tertiary Butyl Ether			0.012
	Methyl bromide			0.057

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

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Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0011 3A	Methyl chloride			0.188
	Methyl ethyl ketone			0.139
	Methyl methacrylate			0.007
	Monomethyl hydrazine			0.060
	Naphthalene			0.009
	Nickel (and compounds)			0.129
	Phenol			0.006
	Polynuclear Aromatic Hydrocarbons			0.015
	Propionaldehyde			0.135
	Selenium (and compounds)			0.965
	Styrene			0.009
	Sulfuric acid			14.155
	Tetrachloroethylene			0.015
	Toluene			0.085
	Vinyl acetate			0.003
	Xylene (mixed isomers)			0.013
	alpha-Chloroacetophenone			0.003
	n-Hexane			0.024
EQT 0012 3B	1,1,1-Trichloroethane			0.007
	1,2-Dibromoethane		<	0.001
	1,2-Dichloroethane			0.014
	2,4-Dinitrotoluene		<	0.001
	Ammonia			30.670
	Antimony (and compounds)			0.008
	Arsenic (and compounds)			0.187
	Barium (and compounds)			0.860
	Benzene			0.462
	Benzyl chloride			0.249
	Beryllium (Table 51.1)			0.009
	Biphenyl			0.001
	Bromoform			0.014
	Cadmium (and compounds)			0.022

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0012 38	Carbon disulfide			0.046
	Chlorinated Dibenzo-P-Dioxins			0.00003
	Chlorinated dibenzofurans			0.0001
	Chlorobenzene			0.008
	Chloroethane			0.015
	Chloroform			0.021
	Chromium VI (and compounds)			0.083
	Cobalt compounds			0.044
	Cumene			0.002
	Cyanide compounds			0.888
	Dichloromethane			0.103
	Dimethyl sulfate			0.017
	Ethyl benzene			0.033
	Formaldehyde			0.085
	Hydrochloric acid			41.287
	Hydrofluoric acid			9.835
	Isophorone			0.206
	Lead compounds			0.174
	Manganese (and compounds)			0.281
	Mercury (and compounds)			0.011
	Methyl Tertiary Butyl Ether			0.012
	Methyl bromide			0.057
	Methyl chloride			0.188
	Methyl ethyl ketone			0.139
	Methyl methacrylate			0.007
	Monomethyl hydrazine			0.060
	Naphthalene			0.009
	Nickel (and compounds)			0.129
	Phenol			0.006
	Polynuclear Aromatic Hydrocarbons			0.015
	Propionaldehyde			0.135
	Selenium (and compounds)			0.965

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0012 3B	Styrene			0.009
	Sulfuric acid			14.155
	Tetrachloroethylene			0.015
	Toluene			0.085
	Vinyl acetate			0.003
	Xylene (mixed isomers)			0.013
	alpha-Chloroacetophenone			0.003
	n-Hexane			0.024
EQT 0015 BA1A	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
EQT 0016 BA1B	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0016 BA1B	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
EQT 0018 C11	Chlorine	< 0.001	< 0.001	< 0.001
EQT 0019 FA1A	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	0.002
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
EQT 0020 BA1C	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0020 BA1C	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
EQT 0021 FA1B	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	0.002
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	0.001
EQT 0024 T3	Ammonia	0.367	10.997	1.606
EQT 0025 T4	Ammonia	0.367	10.997	1.606
FUG 0001 BA2	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.004	0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.003	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	< 0.001
FUG 0002 BA3A	Antimony (and compounds)	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0002 BA3A	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0003 BA3B	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0004 BA4	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0004 BA4	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0005 FA2A	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.004	0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.003	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	0.001
FUG 0006 FA2B	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.004	0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0006 FA2B	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.002	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	0.001
FUG 0007 FA3A	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	0.002
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	0.001
FUG 0008 FA3B	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0008 FA3B	Zinc (and compounds)	< 0.001	< 0.001	0.001
FUG 0009 FA4	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.002	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	0.001
FUG 0010 FUG1	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.007	< 0.001
	Barium (and compounds)	< 0.001	0.050	0.003
	Beryllium (Table 51.1)	< 0.001	0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	0.003	< 0.001
	Cobalt compounds	< 0.001	0.002	< 0.001
	Copper (and compounds)	< 0.001	0.004	< 0.001
	Lead compounds	< 0.001	0.007	< 0.001
	Manganese (and compounds)	< 0.001	0.021	0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.007	0.001
	Selenium (and compounds)	< 0.001	0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.031	0.002
FUG 0011 FUG2	Antimony (and compounds)	< 0.001	0.002	< 0.001
	Arsenic (and compounds)	< 0.001	0.025	< 0.001
	Barium (and compounds)	0.001	0.252	0.003

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0011 FUG2	Beryllium (Table 51.1)	< 0.001	0.002	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	0.019	< 0.001
	Cobalt compounds	< 0.001	0.007	< 0.001
	Copper (and compounds)	< 0.001	0.012	< 0.001
	Lead compounds	< 0.001	0.023	< 0.001
	Manganese (and compounds)	< 0.001	0.067	0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.187	0.002
	Selenium (and compounds)	< 0.001	0.002	< 0.001
FUG 0012 FUG3	Zinc (and compounds)	< 0.001	0.098	0.001
	Antimony (and compounds)	< 0.001	0.001	< 0.001
	Arsenic (and compounds)	< 0.001	0.017	< 0.001
	Barium (and compounds)	0.001	0.174	0.003
	Beryllium (Table 51.1)	< 0.001	0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	0.013	< 0.001
	Cobalt compounds	< 0.001	0.005	< 0.001
	Copper (and compounds)	< 0.001	0.008	< 0.001
	Lead compounds	< 0.001	0.016	< 0.001
	Manganese (and compounds)	< 0.001	0.046	0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.129	0.002
	Selenium (and compounds)	< 0.001	0.002	< 0.001
FUG 0014 FUG5	Zinc (and compounds)	< 0.001	0.068	0.001
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	0.002	< 0.001
	Barium (and compounds)	< 0.001	0.003	0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0014 FUG5	Copper (and compounds)	< 0.001	0.001	< 0.001
	Lead compounds	< 0.001	0.002	< 0.001
	Manganese (and compounds)	< 0.001	0.003	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.002	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.007	0.001
FUG 0017 TP1	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.002	0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.002	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	0.001
FUG 0018 TP2	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.002	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0018 TP2	Nickel (and compounds)	< 0.001	0.002	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	0.001
FUG 0019 TP3	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.002	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.002	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	< 0.001
FUG 0020 TP4	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	0.001
FUG 0021 TP5	Antimony (and compounds)	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0021 TP5	Arsenic (and compounds)	< 0.001	0.001	< 0.001
	Barium (and compounds)	0.001	0.006	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	0.001	< 0.001
	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.004	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.002	< 0.001
FUG 0022 TP6	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	0.001	< 0.001
	Barium (and compounds)	0.001	0.006	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	0.001	< 0.001
	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.004	< 0.001
FUG 0023 TP7A	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.002	0.001
	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.002	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0023 TP7A	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	0.001
FUG 0024 TP7B	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	0.002	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	0.001	0.001
FUG 0026 TP9	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0026 TP9	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0027 TP10	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0028 TP11	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0028 TP11	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0029 TP12	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
FUG 0030 TP13	Antimony (and compounds)	< 0.001	< 0.001	< 0.001
	Arsenic (and compounds)	< 0.001	< 0.001	< 0.001
	Barium (and compounds)	< 0.001	< 0.001	< 0.001
	Beryllium (Table 51.1)	< 0.001	< 0.001	< 0.001
	Cadmium (and compounds)	< 0.001	< 0.001	< 0.001
	Chromium VI (and compounds)	< 0.001	< 0.001	< 0.001
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	< 0.001	< 0.001	< 0.001
	Lead compounds	< 0.001	< 0.001	< 0.001
	Manganese (and compounds)	< 0.001	< 0.001	< 0.001
	Mercury (and compounds)	< 0.001	< 0.001	< 0.001
	Nickel (and compounds)	< 0.001	< 0.001	< 0.001
	Selenium (and compounds)	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	< 0.001	< 0.001	< 0.001
GRP 0020 3A-NO	1,1,1-Trichloroethane	0.002	0.002	0.007
	1,2-Dibromoethane	< 0.001	< 0.001	< 0.001
	1,2-Dichloroethane	0.003	0.003	0.014

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0020 3A-NO	2,4-Dinitrotoluene	< 0.001	< 0.001	< 0.001
	Ammonia	7.000	16.543	30.670
	Antimony (and compounds)	0.002	0.002	0.008
	Arsenic (and compounds)	0.043	0.045	0.187
	Barium (and compounds)	0.196	0.206	0.860
	Benzene	0.105	0.111	0.462
	Benzyl chloride	0.057	0.060	0.249
	Beryllium (Table 51.1)	0.002	0.002	0.009
	Biphenyl	< 0.001	< 0.001	0.001
	Bromoform	0.003	0.003	0.014
	Cadmium (and compounds)	0.005	0.005	0.022
	Carbon disulfide	0.011	0.011	0.046
	Chlorinated Dibenzo-P-Dioxins	0.000007	0.000007	0.00003
	Chlorinated dibenzofurans	0.00003	0.00003	0.0001
	Chlorobenzene	0.002	0.002	0.008
	Chloroethane	0.003	0.003	0.015
	Chloroform	0.005	0.005	0.021
	Chromium VI (and compounds)	0.019	0.020	0.083
	Cobalt compounds	0.010	0.010	0.044
	Cumene	< 0.001	< 0.001	0.002
	Cyanide compounds	0.203	0.213	0.888
	Dichloromethane	0.024	0.025	0.103
	Dimethyl sulfate	0.004	0.004	0.017
	Ethyl benzene	0.008	0.008	0.033
	Formaldehyde	0.019	0.020	0.085
	Hydrochloric acid	9.426	9.898	41.287
	Hydrofluoric acid	2.245	2.358	9.835
	Isophorone	0.047	0.049	0.206
	Lead compounds	0.040	0.042	0.174
	Manganese (and compounds)	0.064	0.067	0.281
	Mercury (and compounds)	0.002	0.003	0.011
	Methyl Tertiary Butyl Ether	0.003	0.003	0.012

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0020 3A-NO	Methyl bromide	0.013	0.014	0.057
	Methyl chloride	0.043	0.045	0.188
	Methyl ethyl ketone	0.032	0.033	0.139
	Methyl methacrylate	0.002	0.002	0.007
	Monomethyl hydrazine	0.014	0.014	0.060
	Naphthalene	0.002	0.002	0.009
	Nickel (and compounds)	0.030	0.031	0.129
	Phenol	0.001	0.001	0.006
	Polynuclear Aromatic Hydrocarbons	0.003	0.004	0.015
	Propionaldehyde	0.031	0.032	0.135
	Selenium (and compounds)	0.220	0.231	0.965
	Styrene	0.002	0.002	0.009
	Sulfuric acid	3.232	3.393	14.165
	Tetrachloroethylene	0.003	0.004	0.015
	Toluene	0.019	0.020	0.085
GRP 0022 3B-NO	Vinyl acetate	0.001	0.001	0.003
	Xylene (mixed isomers)	0.003	0.003	0.013
	alpha-Chloroacetophenone	0.001	0.001	0.003
	n-Hexane	0.005	0.006	0.024
	1,1,1-Trichloroethane	0.002	0.002	0.007
	1,2-Dibromoethane	< 0.001	< 0.001	< 0.001
	1,2-Dichloroethane	0.003	0.003	0.014
	2,4-Dinitrotoluene	< 0.001	< 0.001	< 0.001
	Ammonia	7.000	16.543	30.670
	Antimony (and compounds)	0.002	0.002	0.008
	Arsenic (and compounds)	0.043	0.045	0.187
	Barium (and compounds)	0.196	0.206	0.860
	Benzene	0.105	0.111	0.462
	Benzyl chloride	0.057	0.060	0.249
	Beryllium (Table 51.1)	0.002	0.002	0.009
	Biphenyl	< 0.001	< 0.001	0.001
	Bromoform	0.003	0.003	0.014

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

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Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0022 3B-NO	Cadmium (and compounds)	0.005	0.005	0.022
	Carbon disulfide	0.011	0.011	0.046
	Chlorinated Dibenz-P-Dioxins	0.000007	0.000007	0.00003
	Chlorinated dibenzofurans	0.00003	0.00003	0.0001
	Chlorobenzene	0.002	0.002	0.008
	Chloroethane	0.003	0.003	0.015
	Chloroform	0.005	0.005	0.021
	Chromium VI (and compounds)	0.019	0.020	0.083
	Cobalt compounds	0.010	0.010	0.044
	Cumene	< 0.001	< 0.001	0.002
	Cyanide compounds	0.203	0.213	0.888
	Dichloromethane	0.024	0.025	0.103
	Dimethyl sulfate	0.004	0.004	0.017
	Ethyl benzene	0.008	0.008	0.033
	Formaldehyde	0.019	0.020	0.085
	Hydrochloric acid	9.426	9.898	41.287
	Hydrofluoric acid	2.245	2.358	9.835
	Isophorone	0.047	0.049	0.206
	Lead compounds	0.040	0.042	0.174
	Manganese (and compounds)	0.064	0.067	0.281
	Mercury (and compounds)	0.002	0.003	0.011
	Methyl Tertiary Butyl Ether	0.003	0.003	0.012
	Methyl bromide	0.013	0.014	0.057
	Methyl chloride	0.043	0.045	0.188
	Methyl ethyl ketone	0.032	0.033	0.139
	Methyl methacrylate	0.002	0.002	0.007
	Monomethyl hydrazine	0.014	0.014	0.060
	Naphthalene	0.002	0.002	0.009
	Nickel (and compounds)	0.030	0.031	0.129
	Phenol	0.001	0.001	0.006
	Polynuclear Aromatic Hydrocarbons	0.003	0.004	0.015
	Propionaldehyde	0.031	0.032	0.135

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0022 3B-NO	Selenium (and compounds)	0.220	0.231	0.965
	Styrene	0.002	0.002	0.009
	Sulfuric acid	3.232	3.393	14.155
	Tetrachloroethylene	0.003	0.004	0.015
	Toluene	0.019	0.020	0.085
	Vinyl acetate	0.001	0.001	0.003
	Xylene (mixed isomers)	0.003	0.003	0.013
	alpha-Chloroacetophenone	0.001	0.001	0.003
	n-Hexane	0.005	0.006	0.024
GRP 0023 C1A - NO	1,1,1-Trichloroethane	< 0.001	0.002	0.001
	1,4-Dichlorobenzene	0.001	0.001	0.006
	Arsenic (and compounds)	0.001	0.004	0.004
	Barium (and compounds)	0.005	0.005	0.022
	Benzene	0.002	0.002	0.010
	Beryllium (Table 51.1)	0.001	0.003	0.002
	Cadmium (and compounds)	0.002	0.003	0.007
	Chromium VI (and compounds)	0.001	0.001	0.002
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	0.001	0.007	0.005
	Ethyl benzene	< 0.001	0.001	< 0.001
	Formaldehyde	0.112	0.271	0.492
	Lead compounds	0.002	0.012	0.010
	Manganese (and compounds)	0.001	0.007	0.007
	Mercury (and compounds)	0.001	0.003	0.003
	Naphthalene	0.002	0.010	0.009
	Nickel (and compounds)	0.003	0.003	0.011
	Polynuclear Aromatic Hydrocarbons	0.006	0.037	0.027
	Selenium (and compounds)	0.003	0.017	0.011
	Toluene	0.011	0.051	0.048
	Xylene (mixed isomers)	< 0.001	0.001	0.001
	Zinc (and compounds)		0.033	0.143
	n-Hexane	2.022	2.022	8.858

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0025 C1B - NO	1,1,1-Trichloroethane	< 0.001	0.002	0.001
	1,4-Dichlorobenzene	0.001	0.001	0.006
	Arsenic (and compounds)	0.001	0.004	0.004
	Barium (and compounds)	0.005	0.005	0.022
	Benzene	0.002	0.002	0.010
	Beryllium (Table 51.1)	0.001	0.003	0.002
	Cadmium (and compounds)	0.002	0.003	0.007
	Chromium VI (and compounds)	0.001	0.001	0.002
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	0.001	0.007	0.005
	Ethyl benzene	< 0.001	0.001	< 0.001
	Formaldehyde	0.112	0.271	0.492
	Lead compounds	0.002	0.012	0.010
	Manganese (and compounds)	0.001	0.007	0.007
	Mercury (and compounds)	0.001	0.003	0.003
	Naphthalene	0.002	0.010	0.009
	Nickel (and compounds)	0.003	0.003	0.011
	Polynuclear Aromatic Hydrocarbons	0.006	0.037	0.027
	Selenium (and compounds)	0.003	0.017	0.011
	Toluene	0.011	0.051	0.048
GRP 0027 C2A - NO	Xylene (mixed isomers)	< 0.001	0.001	0.001
	Zinc (and compounds)		0.033	0.143
	n-Hexane	2.022	2.022	8.858
	1,1,1-Trichloroethane	0.003	0.003	0.014
	1,4-Dichlorobenzene	0.003	0.003	0.012
	Arsenic (and compounds)	0.007	0.007	0.032
	Barium (and compounds)	0.010	0.010	0.043
	Benzene	0.005	0.005	0.021
	Beryllium (Table 51.1)	0.006	0.006	0.024
	Cadmium (and compounds)	0.006	0.006	0.024
	Chromium VI (and compounds)	0.002	0.002	0.007
	Cobalt compounds	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0027 C2A - NO	Copper (and compounds)	0.011	0.011	0.049
	Ethyl benzene	0.001	0.001	0.004
	Formaldehyde	0.445	0.445	1.948
	Lead compounds	0.017	0.017	0.073
	Manganese (and compounds)	0.011	0.011	0.049
	Mercury (and compounds)	0.006	0.006	0.024
	Naphthalene	0.015	0.015	0.067
	Nickel (and compounds)	0.006	0.006	0.024
	Polynuclear Aromatic Hydrocarbons	0.061	0.061	0.265
	Selenium (and compounds)	0.028	0.028	0.121
	Toluene	0.084	0.084	0.366
	Xylene (mixed isomers)	0.001	0.001	0.006
	Zinc (and compounds)		0.065	0.283
GRP 0029 C2B - NO	n-Hexane	4.015	4.015	17.584
	1,1,1-Trichloroethane	0.003	0.003	0.014
	1,4-Dichlorobenzene	0.003	0.003	0.012
	Arsenic (and compounds)	0.007	0.007	0.032
	Barium (and compounds)	0.010	0.010	0.043
	Benzene	0.005	0.005	0.021
	Beryllium (Table 51.1)	0.006	0.006	0.024
	Cadmium (and compounds)	0.006	0.006	0.024
	Chromium VI (and compounds)	0.002	0.002	0.007
	Cobalt compounds	< 0.001	< 0.001	< 0.001
	Copper (and compounds)	0.011	0.011	0.049
	Ethyl benzene	0.001	0.001	0.004
	Formaldehyde	0.445	0.445	1.948
	Lead compounds	0.017	0.017	0.073
	Manganese (and compounds)	0.011	0.011	0.049
	Mercury (and compounds)	0.006	0.006	0.024
	Naphthalene	0.015	0.015	0.067
	Nickel (and compounds)	0.006	0.006	0.024
	Polynuclear Aromatic Hydrocarbons	0.061	0.061	0.265

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

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Air - Title V Regular Permit Reopening

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0029 C2B - NO	Selenium (and compounds)	0.028	0.028	0.121
	Toluene	0.084	0.084	0.366
	Xylene (mixed isomers)	0.001	0.001	0.006
	Zinc (and compounds)		0.065	0.283
	n-Hexane	4.015	4.015	17.584

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

Permit Parameter Totals:

1,1,1-Trichloroethane: 0.044 tons/yr

1,2-Dibromoethane: <0.001 tons/yr

1,2-Dichloroethane: 0.028 tons/yr

1,4-Dichlorobenzene: 0.036 tons/yr

2,4-Dinitrotoluene: <0.001 tons/yr

alpha-Chloroacetophenone: 0.006 tons/yr

Ammonia: 64.552 tons/yr

Antimony (and compounds): 0.016 tons/yr

Arsenic (and compounds): 0.446 tons/yr

Barium (and compounds): 1.869 tons/yr

Benzene: 0.986 tons/yr

Benzyl chloride: 0.498 tons/yr

Beryllium (Table 51.1): 0.070 tons/yr

Biphenyl: 0.002 tons/yr

Bromoform: 0.028 tons/yr

Cadmium (and compounds): 0.106 tons/yr

Carbon disulfide: 0.092 tons/yr

Chlorinated Dibenzo-P-Dioxins: 0.00006 tons/yr

Chlorinated dibenzofurans: 0.0002 tons/yr

Chlorine: <0.001 tons/yr

Chlorobenzene: 0.016 tons/yr

Chloroethane: 0.030 tons/yr

Chloroform: 0.042 tons/yr

Chromium VI (and compounds): 0.190 tons/yr

Cobalt compounds: 0.088 tons/yr

Copper (and compounds): 0.108 tons/yr

Cumene: 0.004 tons/yr

Cyanide compounds: 1.776 tons/yr

Dichloromethane: 0.206 tons/yr

Dimethyl sulfate: 0.034 tons/yr

Ethyl benzene: 0.074 tons/yr

Formaldehyde: 5.050 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

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Phase II

Permit Parameter Totals:

Hydrochloric acid: 82.574 tons/yr

Hydrofluoric acid: 19.670 tons/yr

Isophorone: 0.412 tons/yr

Lead compounds: 0.514 tons/yr

Manganese (and compounds): 0.677 tons/yr

Mercury (and compounds): 0.078 tons/yr

Methyl bromide: 0.114 tons/yr

Methyl chloride: 0.376 tons/yr

Methyl ethyl ketone: 0.278 tons/yr

Methyl methacrylate: 0.014 tons/yr

Methyl Tertiary Butyl Ether: 0.024 tons/yr

Monomethyl hydrazine: 0.120 tons/yr

n-Hexane: 52.932 tons/yr

Naphthalene: 0.170 tons/yr

Nickel (and compounds): 0.345 tons/yr

Phenol: 0.012 tons/yr

Polynuclear Aromatic Hydrocarbons: 0.614 tons/yr

Propionaldehyde: 0.270 tons/yr

Selenium (and compounds): 2.212 tons/yr

Styrene: 0.018 tons/yr

Sulfuric acid: 28.310 tons/yr

Tetrachloroethylene: 0.030 tons/yr

Toluene: 0.998 tons/yr

Vinyl acetate: 0.006 tons/yr

Xylene (mixed isomers): 0.040 tons/yr

Zinc (and compounds): 0.869 tons/yr

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

CRG0001 MACT Requirements for CFB Boilers

Group Members: EQT0011 EQT0012

- 1 [40 CFR 63.40-44] Carbon monoxide <= 0.10 lb/MMBTU. This limit shall apply when the steam production output of this source is greater than or equal to 60% of its capacity. Control of carbon monoxide is approved as a surrogate for control of organic hazardous air pollutants (HAPs). Which Months: All Year Phases: Phase II Statistical Basis: 24-hour block average
- 2 [40 CFR 63.40-44] Carbon monoxide <= 0.15 lb/MMBTU. This limit shall apply when the steam production output of this source is less than 60% of its capacity. Control of carbon monoxide is approved as a surrogate for control of organic hazardous air pollutants (HAPs). Which Months: All Year Phases: Phase II Statistical Basis: 24-hour block average
- 3 [40 CFR 63.40-44] Carbon monoxide monitored by continuous emission monitor (CEM) continuously. Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 4 [40 CFR 63.40-44] Carbon monoxide recordkeeping by electronic or hard copy continuously. Permittee shall record each reading from the carbon monoxide continuous emissions monitor. Records shall be maintained on site for a period of no less than five (5) years and made available for inspection by DEQ personnel.
- 5 [40 CFR 63.40-44] Conduct a performance/emissions test for hydrochloric acid and hydrofluoric acid. Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. This test shall be repeated annually thereafter, with no less than 10 months and no more than 14 months of time elapsed between tests. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 26A - Determination of Hydrogen Halides and Halogen Emissions from Stationary Sources - Isokinetic Method. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III:913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. , Phases: Phase II Phases: Phase II
- 6 [40 CFR 63.40-44] Mercury monitored by continuous emission monitor (CEM) continuously. Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 7 [40 CFR 63.40-44] Mercury recordkeeping by electronic or hard copy continuously. Permittee shall record each reading from the mercury continuous emissions monitor. Records shall be maintained on site for a period of no less than five (5) years and made available for inspection by DEQ personnel. Phases: Phase II
- 8 [40 CFR 63.40-44] Particulate matter (10 microns or less) <= 0.011 lb/MMBTU. Control of particulate matter is approved as a surrogate for control of metallic hazardous air pollutants (HAPs). Which Months: All Year Phases: Phase II Statistical Basis: 24-hour average

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

CRG0001 MACT - MACT Requirements for CFB Boilers

Permittee shall calculate and record the appropriate hydrogen chloride emissions limitation using the following formula:

$$\text{HCl} = (\text{Eb}^* \text{B} + \text{Ep}^* \text{P} + \text{Es}^* \text{S}) / (\text{B} + \text{P} + \text{S})w$$

where:

HCl = applicable hydrogen chloride emission limit, calculated in units of lb/MMBTU

Eb = 0.0035 lb/MMBTU, which is the emission limitation that applies when firing 100% bituminous coal

Ep = 0.0016 lb/MMBTU, which is the emission limitation that applies when firing 100% petroleum coke

Es = 0.0016 lb/MMBTU, which is the emission limitation that applies when firing 100% subbituminous coal

B = total heat input provided to the boiler from the combustion of bituminous coal

P = total heat input provided to the boiler from the combustion of petroleum coke

S = total heat input provided to the boiler from the combustion of subbituminous coal

Permittee shall calculate this emission limitation based upon actual fuel mix that is fed to the boiler in question during any LDEQ required performance test. Compliance with this limitation shall be determined by conducting three 1-hour tests and taking the simple average of the test results. Phases: Phase II

Permittee shall calculate and record the appropriate hydrogen fluoride emissions limitation using the following formula:

$$\text{HF} = (\text{Eb}^* \text{B} + \text{Ep}^* \text{P} + \text{Es}^* \text{S}) / (\text{B} + \text{P} + \text{S})y$$

where:

HF = applicable hydrogen fluoride emission limit, calculated in units of lb/MMBTUD

Eb = 0.000157 lb/MMBTU, which is the emission limitation that applies when firing 100% bituminous coal

Ep = 0.000157 lb/MMBTU, which is the emission limitation that applies when firing 100% petroleum coke

Es = 0.000834 lb/MMBTU, which is the emission limitation that applies when firing 100% subbituminous coal

B = total heat input provided to the boiler from the combustion of bituminous coal

P = total heat input provided to the boiler from the combustion of petroleum coke

S = total heat input provided to the boiler from the combustion of subbituminous coal

Permittee shall calculate this emission limitation based upon actual fuel mix that is fed to the boiler in question during any LDEQ required performance test. Compliance with this limitation shall be determined by conducting three 1-hour tests and taking the simple average of the test results. Phases: Phase II

Permittee: Phase II

9 [40 CFR 63.40-44]

10 [40 CFR 63.40-44]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-0009-V2
 Air - Title V Regular Permit Reopening

CRC0001 MACT Requirements for CFB Boilers

11 [40 CFR 63.40-44]

Permittee shall calculate and record the appropriate mercury emissions limitation using the following formula:

$$\text{Hg} = (\text{Eb} * \text{B} + \text{Ep} * \text{P} + \text{Es} * \text{S}) / (\text{B} + \text{P} + \text{S})$$

where:

Hg = applicable mercury emission limit calculated in lb/GWh
 Eb = 0.008 lb/GWh, which is the emission limitation that applies when firing 100% bituminous coal
 Ep = 0.003 lb/GWh, which is the emission limitation that applies when firing 100% petroleum coke
 Es = 0.005 lb/GWh, which is the emission limitation that applies when firing 100% subbituminous coal
 B = total heat input provided to the boiler from the combustion of bituminous coal
 P = total heat input provided to the boiler from the combustion of petroleum coke
 S = total heat input provided to the boiler from the combustion of subbituminous coal

- Permittee shall recalculate this emission limitation upon each change in the fuel mix that is fed to the boiler. Compliance with this limitation shall be determined using a twelve-month rolling average. , Phases: Phase II
- 12 [40 CFR 63.40-44] Phases: Phase II
 Permittee shall comply with all applicable monitoring, recordkeeping, and reporting requirements of 40 CFR 64 in order to control emissions of metallic Hazardous Air Pollutants. , Phases: Phase II
- 13 [40 CFR 63.40-44] Phases: Phase II
 Submit notification: Due at least 30 days prior to LDEQ required performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing , Phases: Phase II
- 14 [40 CFR 63.40-44] Phases: Phase II
 Submit report: Due within 60 days after LDEQ required performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. , Phases: Phase II
- 15 [LAC 33:III.1101.B] Phases: Phase II

EQT0003 C1A - Unit 1 Stack A

- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 15 [LAC 33:III.1101.B] Which Months: All Year Statistical Basis: None specified
- 16 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input Which Months: All Year Statistical Basis: None specified
- 17 [LAC 33:III.1503.C] Sulfur dioxide <= 2000 ppm at standard conditions Which Months: All Year Statistical Basis: Three-hour average

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0003 C1A - Unit 1 Stack A

- 18 [LAC 33:III.1503.D.1] Determine compliance with the appropriate emission limitation in LAC 33:III.1503.A through 1503.C using the methods listed in LAC 33:III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1.
- 19 [LAC 33:III.1511.C.3] Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I Phases: Phase I
- 20 [LAC 33:III.1511.C.3] Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I Phases: Phase II
- 21 [LAC 33:III.1513.A.2] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
- 22 [LAC 33:III.1513.A.2] Submit compliance determination results: Due no later than 90 days after completion of test.
- 23 [LAC 33:III.1513.D] Comply with the recordkeeping provisions in 40 CFR 75 - Continuous Emission Monitoring.
- 24 [LAC 33:III.1513.E] Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
- 25 [LAC 33:III.1513.E] Submit excess emissions report: Due quarterly in accordance with LAC 33:I.Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.
- 26 [LAC 33:III.1513.E] Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
- 27 [LAC 33:III.501.C.6] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 28 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75.
- 29 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel.
- 30 [LAC 33:III.501.C.6] Fuel oil heat input <= 15 percent on an annual basis. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel oil heat input to this boiler exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS**AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20080005****Permit Number: 2520-00009-V2****Air - Title V Regular Permit Reopening****EQT0003 C1A - Unit 1 Stack A**

- 31 [LAC 33:III.501.C.6] Fuel oil heat input ≤ 15 percent on an annual basis. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel oil heat input to this boiler exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 32 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum Fuel oil heat input monitored by technically sound method continuously.
- 33 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase I Statistical Basis: None specified Fuel oil heat input monitored by technically sound method continuously.
- 34 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase II Statistical Basis: None specified Fuel oil heat input recordkeeping by electronic or hard copy monthly. Keep records of the total fuel oil heat input to this boiler each month, as well as the total fuel oil heat input to this boiler for the last twelve months. Make records available for inspection by DEQ personnel.
- 35 [LAC 33:III.501.C.6] Phases: Phase I Fuel oil heat input recordkeeping by electronic or hard copy monthly. Keep records of the total fuel oil heat input to this boiler each month, as well as the total fuel oil heat input to this boiler for the last twelve months. Make records available for inspection by DEQ personnel.
- 36 [LAC 33:III.501.C.6] Phases: Phase II Fuel sulfur content ≤ 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if fuel sulfur content exceeds the maximum listed in this specific condition.
- 37 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase II Statistical Basis: Constant Fuel sulfur content ≤ 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition.
- 38 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase I Statistical Basis: Constant Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 39 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.
- 40 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 41 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the total fuel oil heat input to this boiler for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase I, Phase II
- 42 [LAC 33:III.501.C.6] Phases: Phase I Submit report: Due annually, by the 31st of March. Report the total fuel oil heat input to this boiler for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase I, Phase II

EQT0004 C1B - Unit 1 Stack B

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0004 C1B - Unit 1 Stack B

- 43 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
- 44 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified
- 45 [LAC 33:III.1503.C] Sulfur dioxide <= 2000 ppmv at standard conditions.
- Which Months: All Year Statistical Basis: Three-hour average
- Determine compliance with the appropriate emission limitation in LAC 33:III.1503.A through 1503.C using the methods listed in LAC 33:III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1.
- Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring.
- 47 [LAC 33:III.1511.C.3] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
- 48 [LAC 33:III.1513.A.2] Submit compliance determination results: Due no later than 90 days after completion of test.
- 49 [LAC 33:III.1513.A.2] Comply with the recordkeeping provisions in 40 CFR 75 - Continuous Emission Monitoring.
- 50 [LAC 33:III.1513.D] Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
- 51 [LAC 33:III.1513.E] Submit excess emissions report: Due quarterly in accordance with LAC 33:III.1 Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.
- 52 [LAC 33:III.1513.E] Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.1 Chapter 15.
- 53 [LAC 33:III.1513.E] Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.1 Chapter 39.
- 54 [LAC 33:III.1513] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 55 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75.
- 56 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0004 C1B - Unit 1 Stack B

Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel.

Fuel oil heat input \leq 1.5 percent on an annual basis. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel oil heat input to this boiler exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum Fuel oil heat input \leq 1.5 percent on an annual basis. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel oil heat input to this boiler exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum Fuel oil heat input monitored by technically sound method continuously.

Which Months: All Year Phases: Phase I Statistical Basis: None specified Fuel oil heat input monitored by technically sound method continuously.

Which Months: All Year Phases: Phase II Statistical Basis: None specified Fuel oil heat input recordkeeping by electronic or hard copy monthly. Keep records of the total fuel oil heat input to this boiler each month, as well as the total fuel oil heat input to this boiler for the last twelve months. Make records available for inspection by DEQ personnel.

Phases: Phase I Fuel oil heat input recordkeeping by electronic or hard copy monthly. Keep records of the total fuel oil heat input to this boiler each month, as well as the total fuel oil heat input to this boiler for the last twelve months. Make records available for inspection by DEQ personnel.

Phases: Phase II Fuel sulfur content $<=$ 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if fuel sulfur content exceeds the maximum listed in this specific condition.

Which Months: All Year Phases: Phase II Statistical Basis: Constant Fuel sulfur content $<=$ 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition.

Which Months: All Year Phases: Phase I Statistical Basis: Constant Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.

Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

Submit report: Due annually, by the 31st of March. Report the total fuel oil heat input to this boiler for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase I, Phase II

Phases: Phase I Submit report: Due annually, by the 31st of March. Report the total fuel oil heat input to this boiler for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase I, Phase II

Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0005 C2A - Unit 2 Stack A

- 71 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 72 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 73 [LAC 33:III.1503.C] Which Months: All Year Statistical Basis: None specified Sulfur dioxide <= 2000 ppmv at standard conditions.
- 74 [LAC 33:III.1503.D.1] Which Months: All Year Statistical Basis: Three-hour average Determine compliance with the appropriate emission limitation in LAC 33:III.1503.A through 1503.C using the methods listed in LAC 33:III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1.
- 75 [LAC 33:III.1511.C.3] Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I Phases: Phase I
- 76 [LAC 33:III.1511.C.3] Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I Phases: Phase II
- 77 [LAC 33:III.1513.A.2] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
- 78 [LAC 33:III.1513.A.2] Submit compliance determination results: Due no later than 90 days after completion of test.
- 79 [LAC 33:III.1513.D] Comply with the recordkeeping provisions in 40 CFR 75 - Continuous Emission Monitoring.
- 80 [LAC 33:III.1513.E] Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
- 81 [LAC 33:III.1513.E] Submit excess emissions report: Due quarterly in accordance with LAC 33:I.Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.
- 82 [LAC 33:III.1513.E] Submit report: Due annually by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
- 83 [LAC 33:III.501.C.6] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0005 C2A - Unit 2 Stack A

- 84 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75.
- 85 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel.
- 86 [LAC 33:III.501.C.6] Fuel sulfur content <= 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if fuel sulfur content exceeds the maximum listed in this specific condition.
- 87 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase II Statistical Basis: Constant Fuel sulfur content <= 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition.
- 88 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase I Statistical Basis: Constant Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 89 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.
- 90 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0006 C2B - Unit 2 Stack B

- 91 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 92 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 93 [LAC 33:III.1503.C] Which Months: All Year Statistical Basis: None specified Sulfur dioxide <= 2000 ppm at standard conditions.
- 94 [LAC 33:III.1503.D.1] Which Months: All Year Statistical Basis: Three-hour average Determine compliance with the appropriate emission limitation in LAC 33:III.1503.A through 1503.C using the methods listed in LAC 33:III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1.
- 95 [LAC 33:III.1511.C.3] Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I Phases: Phase I
- 96 [LAC 33:III.1511.C.3] Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0006 C2B - Unit 2 Stack B

- 97 [LAC 33:III.1513.A.2] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
- 98 [LAC 33:III.1513.A.2] Submit compliance determination results: Due no later than 90 days after completion of test.
- 99 [LAC 33:III.1513.D] Comply with the recordkeeping provisions in 40 CFR 75 - Continuous Emission Monitoring.
- 100 [LAC 33:III.1513.E] Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
- 101 [LAC 33:III.1513.E] Make all excess emissions report: Due quarterly in accordance with LAC 33:I.Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.
- 102 [LAC 33:III.1513.E] Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
- 103 [LAC 33:III.501.C.6] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 104 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75.
- 105 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel.
- 106 [LAC 33:III.501.C.6] Fuel sulfur content <= 0.05 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if fuel sulfur content exceeds the maximum listed in this specific condition.
- 107 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase II Statistical Basis: Constant Fuel sulfur content <= 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition.
- 108 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase I Statistical Basis: Constant Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 109 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.
- 110 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0007 C3 - Unit 3 Stack

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0007 C3 - Unit 3 Stack

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

- Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.
 Which Months: All Year Statistical Basis: None specified
 Sulfur dioxide <= 2000 ppmv at standard conditions.
 Which Months: All Year Statistical Basis: Three-hour average
 Determine compliance with the appropriate emission limitation in LAC 33:III.1503.C using the methods listed in LAC 33:III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1.
 Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I
 Phases: Phase I
 Permittee shall conduct monitoring in accordance with 40 CFR 75 - Continuous Emission Monitoring. , Phases: Phase II, Phase I
 Phases: Phase II
 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
 Submit compliance determination results: Due no later than 90 days after completion of test.
 Comply with the recordkeeping provisions in 40 CFR 75 - Continuous Emission Monitoring.
 Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
 Submit excess emissions report: Due quarterly in accordance with LAC 33:III.1.Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.
 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15.
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 At no time and under no circumstances shall this unit be operated concurrently with EQT 11 and/or EQT 12. Once EQT 11 and EQT 12 achieve commercial operation, this unit shall cease all operations and be decommissioned. , Phases: Phase I
 Phases: Phase I
- 111 [LAC 33:III.1101.B]
 112 [LAC 33:III.1313.C]
 113 [LAC 33:III.1503.C]
 114 [LAC 33:III.1503.D.1]
 115 [LAC 33:III.1511.C.3]
 116 [LAC 33:III.1511.C.3]
 117 [LAC 33:III.1513.A.2]
 118 [LAC 33:III.1513.A.2]
 119 [LAC 33:III.1513.D]
 120 [LAC 33:III.1513.E]
 121 [LAC 33:III.1513.E]
 122 [LAC 33:III.1513.E]
 123 [LAC 33:III.1513]
 124 [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-0009-V2
Air - Title V Regular Permit Reopening

EQT0007 C3 - Unit 3 Stack

- 125 [LAC 33:III.501.C.6] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 126 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method at the regulation's specified frequency. Permittee shall monitor fuel sulfur content in accordance with 40 CFR 75.
- 127 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy monthly. Permittee shall maintain records in accordance with 40 CFR 75. Make records available for inspection by DEQ personnel.
- 128 [LAC 33:III.501.C.6] Fuel oil heat input <= 15 percent on an annual basis. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel oil heat input to this boiler exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 129 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum Fuel oil heat input monitored by technically sound method continuously.
- 130 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase I Statistical Basis: None specified Fuel oil heat input recordkeeping by electronic or hard copy monthly. Keep records of the total fuel oil heat input to this boiler each month, as well as the total fuel oil heat input to this boiler for the last twelve months. Make records available for inspection by DEQ personnel.
- 131 [LAC 33:III.501.C.6] Phases: Phase I Fuel sulfur content <= 0.5 percent. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel sulfur content exceeds the maximum listed in this specific condition.
- 132 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase I Statistical Basis: Constant Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 133 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.
- 134 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the fuel sulfur content data obtained in accordance with 40 CFR 75 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 135 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the total fuel oil heat input to this boiler for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase I Phases: Phase I

EQT0011 3A - CFB Boiler Unit 3A

SPECIFIC REQUIREMENTS

AID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0011 3A - CFB Boiler Unit 3A

- 136 [40 CFR 60.42Da(b)] Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. Subpart Da. [40 CFR 60.42Da(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with either 40 CFR 60.42Da(c)(2) or (4). Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. , Phases: Phase II
- 137 [40 CFR 60.42Da] Phases: Phase II
 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for sulfur dioxide stated in 40 CFR 60.43Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. , Phases: Phase II
- 138 [40 CFR 60.43Da(i)] Phases: Phase II
 Phases: Phase II
 Nitrogen oxides <= 1.0 lb/MWh (130 mg/J) gross electrical output. Subpart Da. [40 CFR 60.44Da(e)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for nitrogen oxides stated in 40 CFR 60.44Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. , Phases: Phase II
- 139 [40 CFR 60.44Da(e)(1)] Phases: Phase II
 Phases: Phase II
 Mercury: Permittee shall calculate the appropriate emissions limitation in accordance with 40 CFR 60.45Da(a)(5)(i) and shall comply with the resulting limitation. Compliance with this limitation shall be determined on a twelve month rolling average in accordance with 40 CFR 60.50Da(h). [40 CFR 60.45Da(a)(5)(i)], Phases: Phase II
- 140 [40 CFR 60.44Da] Phases: Phase II
 Phases: Phase II
 Do not discharge into the atmosphere any gases from a new affected source that contain Hg in excess of the computed weighted Hg emissions limit based on the proportion of energy output (in British thermal units, Btu) contributed by each coal rank burned during the compliance period and its applicable Hg emissions limit in 40 CFR 60.45Da(a)(1) through (4) as determined using Equation 1 of 40 CFR 60.45Da(a)(5)(i). Meet the weighted Hg emissions limit calculated using Equation 1 of 40 CFR 60.45Da(a)(5)(i) by calculating the unit emission rate based on the total Hg loading of the unit and the total Btu or megawatts hours contributed by all fuels burned during the compliance period. Subpart Da. [40 CFR 60.45Da(a)(5)(i)], Phases: Phase II
- 141 [40 CFR 60.45Da(a)(5)(i)] Phases: Phase II
 Phases: Phase II
 Comply with the Hg emission standards under 40 CFR 60.45Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.44Da] Phases: Phase II
- 142 [40 CFR 60.45Da(a)(5)] Phases: Phase II
 Phases: Phase II
 Comply with the nitrogen oxides emission standards under 40 CFR 60.44Da at all times except during periods of startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
- 143 [40 CFR 60.48Da(c)] Phases: Phase II
 Phases: Phase II
 Comply with the particulate matter emission standards under 40 CFR 60.42Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
- 144 [40 CFR 60.48Da(c)] Phases: Phase II
 Phases: Phase II
 Comply with the particulate matter emission standards under 40 CFR 60.42Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II
- 145 [40 CFR 60.48Da(c)] Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0011 3A - CFB Boiler Unit 3A

- 146 [40 CFR 60.48Da(d)] During emergency conditions in the principal company, do not operate an affected facility with a malfunctioning flue gas desulfurization system unless sulfur dioxide emissions are minimized in accordance with the requirements of 60.46Da(d)(1) through (d)(3). Subpart Da. [40 CFR 60.48Da(d)], Phases: Phase II
- 147 [40 CFR 60.48Da(e)] Show compliance with the nitrogen oxides standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
- 148 [40 CFR 60.48Da(e)] Show compliance with the sulfur dioxide standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate and percent reduction. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
- 149 [40 CFR 60.48Da(f)] Phases: Phase II
- 150 [40 CFR 60.48Da(g)(1)] Schedule the initial performance test so that the first boiler operating day of the 30 successive boiler operating days is completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of the facility. Subpart Da. [40 CFR 60.48Da(f)], Phases: Phase II
- 151 [40 CFR 60.48Da(g)(3)] Phases: Phase II
- 152 [40 CFR 60.48Da(j)] Determine compliance with the SO₂ and NO_x emission standards by calculating the arithmetic average of all hourly emission rates for SO₂ and NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction (NO_x only), or emergency conditions (SO₂ only). Subpart Da. [40 CFR 60.48Da(g)(1)], Phases: Phase II
- 153 [40 CFR 60.48Da(o)(2)] Phases: Phase II
- 154 [40 CFR 60.49Da(a)] Phases: Phase II
- During emergency conditions in the principal company, do not operate an affected facility with a malfunctioning flue gas desulfurization system unless sulfur dioxide emissions are minimized in accordance with the requirements of 60.46Da(d)(1) through (d)(3). Subpart Da. [40 CFR 60.48Da(d)], Phases: Phase II
- Show compliance with the nitrogen oxides standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
- Show compliance with the sulfur dioxide standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate and percent reduction. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
- Phases: Phase II
- Determine compliance with the SO₂ and NO_x emission standards by calculating the arithmetic average of all hourly emission rates for SO₂ and NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction (NO_x only), or emergency conditions (SO₂ only). Subpart Da. [40 CFR 60.48Da(g)(1)], Phases: Phase II
- Determine compliance with particulate matter emission limitations by calculating the arithmetic average of all hourly emission rates for particulate matter each boiler operating day, except for data obtained during startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(g)(3)], Phases: Phase II
- Phases: Phase II
- Calculate the Hg emission rate (lb/MWh) for each calendar month of the year, using hourly Hg concentrations measured according to the provisions of 40 CFR 60.49Da(p) in conjunction with hourly stack gas volumetric flow rates measured according to the provisions of 40 CFR 60.49Da(l) or (m), and hourly gross electrical outputs, determined according to the provisions in 40 CFR 60.49Da(k). Subpart Da. [40 CFR 60.48Da(l)], Phases: Phase II
- Phases: Phase II
- Permittee shall monitor the performance of each fabric filter (baghouse) operated to comply with the applicable particulate matter emissions limit in 40 CFR 60.42Da(c)(2) or (d) using a continuous opacity monitoring system (COMS) according to the requirements in 40 CFR 60.68Da(o)(2)(i) - (vi). [40 CFR 60.48Da(o)(2)], Phases: Phase II
- Phases: Phase II
- Opacity monitored by continuous opacity monitor (COM) continuously, except as provided for in 40 CFR 60.49Da(t) and (u). If opacity interference due to water droplets exists in the stack, monitor opacity upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations, monitor alternate parameters indicative of the particulate matter control system's performance (subject to the approval of DEQ). Subpart Da. [40 CFR 60.49Da(a)]
- Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average.

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0011 3A - CFB Boiler Unit 3A

- Opacity recordkeeping by electronic or hard copy continuously, except as provided for in 40 CFR 60.49Da(t) and (u). Subpart Da. [40 CFR 60.49Da(b)]
 155 [40 CFR 60.49Da(a)]
 Phases: Phase II
 Sulfur dioxide monitored by CMS continuously. Monitor at the outlet of the sulfur dioxide control device. Subpart Da. [40 CFR 60.49Da(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
 Sulfur dioxide recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(b)]
 156 [40 CFR 60.49Da(b)]
 Phases: Phase II
 Nitrogen oxides monitored by CMS continuously. Subpart Da. [40 CFR 60.49Da(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
 Nitrogen oxides recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(c)]
 157 [40 CFR 60.49Da(b)]
 Phases: Phase II
 Nitrogen oxides: Phase II
 Oxygen or Carbon dioxide monitored by CMS continuously. Monitor the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
 Oxygen or Carbon dioxide recordkeeping by electronic or hard copy continuously. Record the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 158 [40 CFR 60.49Da(c)]
 Phases: Phase II
 Obtain emission data for at least 90 percent of all operating hours for each 30 successive boiler operating days. If this minimum data requirement cannot be met with a continuous monitoring system, supplement emission data with other monitoring systems approved by DEQ or the reference methods and procedures as described in 40 CFR 60.49Da(f)(2). Subpart Da. [40 CFR 60.49Da(f)(2)], Phases: Phase II
 159 [40 CFR 60.49Da(c)]
 Phases: Phase II
 Mercury monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
 Mercury recordkeeping by electronic or hard copy continuously. Record the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
 160 [40 CFR 60.49Da(d)]
 Phases: Phase II
 Submit plan: Due to DEQ for approval of a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. Address in the plan the requirements in 40 CFR 60.49Da(s)(1) through (6). Subpart Da. [40 CFR 60.49Da(s)], Phases: Phase II
 161 [40 CFR 60.49Da(d)]
 Phases: Phase II
 Use as reference methods and procedures the methods specified in 40 CFR 60Da, Appendix A or the methods and procedures as specified in 40 CFR 60.50Da, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart Da. [40 CFR 60.50Da(a)], Phases: Phase II
 162 [40 CFR 60.49Da(f)(2)]
 Phases: Phase II
 Determine compliance with the particulate matter standards in 40 CFR 60.42Da using the methods and procedures specified in 40 CFR 60.50Da(b)(1) through (b)(3). Subpart Da. [40 CFR 60.50Da(b)], Phases: Phase II
 163 [40 CFR 60.49Da(p)]
 164 [40 CFR 60.49Da(p)]
 165 [40 CFR 60.49Da(s)]
 166 [40 CFR 60.50Da(a)]
 167 [40 CFR 60.50Da(b)]

SPECIFIC REQUIREMENTS**All ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20080005****Permit Number: 2520-00009-V2****Air - Title V Regular Permit Reopening****EQT0011 3A - CFB Boiler Unit 3A**

- 168 [40 CFR 60.50Da(c)] Determine compliance with the sulfur dioxide standards in 40 CFR 60.43Da using the methods and procedures specified in 40 CFR 60.50Da(c)(1) through (c)(5). Subpart Da. [40 CFR 60.50Da(c)], Phases: Phase II
- 169 [40 CFR 60.50Da(d)] Determine compliance with the nitrogen oxides standard in 40 CFR 60.44Da using the methods and procedures specified in 40 CFR 60.50Da(d)(1) and (d)(2). Subpart Da. [40 CFR 60.50Da(d)], Phases: Phase II
- 170 [40 CFR 60.50Da(g)] Use the procedures in 40 CFR 60.50Da(g)(1) through (2) to calculate emission rates based on electrical output to the grid plus half of the equivalent electrical energy in the unit's process stream, for the purposes of determining compliance with the emission limits in 40 CFR 60.45Da and 60.46Da. Subpart Da. [40 CFR 60.50Da(g)], Phases: Phase II
- 171 [40 CFR 60.50Da(h)] Determine compliance with the Hg limit in 40 CFR 60.45Da using the procedures specified in 40 CFR 60.50Da(h)(1) through (h)(3). Subpart Da. [40 CFR 60.50Da(h)], Phases: Phase II
- 172 [40 CFR 60.51Da(a)] Submit the performance test data from the initial performance test and from the performance evaluation of the continuous monitors (including the transmissometer). Subpart Da. [40 CFR 60.51Da(a)], Phases: Phase II
- 173 [40 CFR 60.51Da(b)] Submit report: Due semiannually for each six-month period. Submit the information specified in 40 CFR 60.51Da(b)(1) through (b)(9) for each 24-hour period. Subpart Da. [40 CFR 60.51Da(b)], Phases: Phase II
- 174 [40 CFR 60.51Da(c)] Submit report: Due semiannually for each six-month period. If the minimum quantity of emission data as required by 40 CFR 60.49Da is not obtained for any 30 successive boiler operating days, report the information specified in 40 CFR 60.51Da(c)(1) through (c)(5), obtained under the requirements of 40 CFR 60.48Da(h), for that 30-day period. Subpart Da. [40 CFR 60.51Da(c)], Phases: Phase II
- 175 [40 CFR 60.51Da(d)] Submit a signed statement if any standards under 40 CFR 60.43Da are exceeded during emergency conditions because of control system malfunction. Indicate if emergency conditions existed and requirements under 40 CFR 60.48Da(d) were met during each period. List the time periods the emergency condition existed; the electrical output and demand on the electric utility system and the affected facility; the amount of power purchased from interconnected neighboring utility companies during the emergency period; the percent reduction in emissions achieved; the atmospheric emission rate (ng/J) of the pollutant discharged; and the actions taken to correct control system malfunction. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(d)], Phases: Phase II
- 176 [40 CFR 60.51Da(f)] Submit a signed statement indicating if any changes were made in operation of the emission control system during periods of data unavailability, for any periods for which opacity, sulfur dioxide or nitrogen oxides emissions data are not available. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(f)], Phases: Phase II
- 177 [40 CFR 60.51Da(g)] Submit the information specified in 40 CFR 60.51Da(g)(1) through (5). Subpart Da. [40 CFR 60.51Da(g)], Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0011 3A - CFB Boiler Unit 3A

- 178 [40 CFR 60.51Da(h)]
 Submit a signed statement indicating whether the required continuous monitoring system calibration, span, and drift checks or other periodic audits have or have not been performed as specified; the data used to show compliance was or was not obtained in accordance with approved methods and procedures of 40 CFR 60 and is representative of plant performance; the minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable; and compliance with the standards has or has not been achieved during the reporting period. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(h)], Phases: Phase II
 Phases: Phase II
 Submit excess emissions report: Due quarterly. Submit opacity levels in excess of the applicable opacity standard and the date of such excesses. Subpart Da. [40 CFR 60.51Da(i)], Phases: Phase II
 Phases: Phase II
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of all information needed to demonstrate compliance including performance tests, monitoring data, fuel analyses, and calculations, consistent with the requirements of 40 CFR 60.7(f). Subpart Da.
 Phases: Phase II
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Provide notifications in accordance with 40 CFR 60.7(a). Subpart Da.
 Phases: Phase II
 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)], Phases: Phase II
 Phases: Phase II
 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)], Phases: Phase II
 Phases: Phase II
 Equipment/operational data monitored by technically sound method continuously. Monitor the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 An excursion or exceedance is defined as an opacity reading or a differential pressure reading that falls outside of the indicator range established in the initial performance test. [40 CFR 64.6(c)(2)], Phases: Phase II
 Phases: Phase II
 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting excursions or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)], Phases: Phase II
 Phases: Phase II
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(4)]
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0011 3A - CFB Boiler Unit 3A

188 [40 CFR 64.6(d)]

Schedule for installation, testing or final verification of operational status: Permittee shall install a continuous opacity monitoring system (COMS) and differential pressure gauges on the baghouse that controls particulate matter emissions from this source. This installation shall occur prior to initial startup of this unit. Within 180 days of the commencement of commercial operation, permittee shall conduct a performance test to determine the indicator ranges for the differential pressure gauges that show compliance with the particulate matter BACT limit of 0.011 lb/MMBTU. Permittee shall also monitor the performance of the baghouse operated to comply with the particulate matter BACT limit of 0.011 lb/MMBTU according to the methodology set forth in 40 CFR 60.48Da(o)(2) using the COMS according to the requirements in 40 CFR 60.68Da(o)(2)(i) - (vi). During the performance test, this source shall fire the worst case fuel configuration for the generation of particulate matter. [40 CFR 64.6(d)], Phases: Phase II

Phases: Phase II
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)], Phases: Phase II

Phases: Phase II
 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)], Phases: Phase II

Phases: Phase II
 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)], Phases: Phase II

Phases: Phase II
 Restore operation of the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)], Phases: Phase II

Phases: Phase II
 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the particulate matter emission limitation for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)], Phases: Phase II

191 [40 CFR 64.7(c)]

192 [40 CFR 64.7(d)(1)]

193 [40 CFR 64.7(e)]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0011_3A - CFB Boiler Unit 3A

- 194 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(ii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(ii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)], Phases: Phase II
- 195 [40 CFR 64.9(b)(1)] Phases: Phase II Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)], Phases: Phase II
- 196 [40 CFR 64.9(b)(1)] Phases: Phase II Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 197 [40 CFR 64.9(b)(1)] Phases: Phase II Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 198 [LAC 33:III.1101.B] Phases: Phase II Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 199 [LAC 33:III.1313.C] Which Months: All Year Phases: Phase II Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 200 [LAC 33:III.1503.D.1] Which Months: All Year Phases: Phase II Statistical Basis: None specified Determine compliance with the appropriate emission limitation in LAC 33:III.1503.A through 1503.C using the methods listed in LAC 33:III.1503.D.Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ. Compliance with 40 CFR 75.11(d)(2) shall be determined as compliance with this specific condition except for the initial compliance determination. The initial compliance determination shall be performed upon the first instance that this source fires fuel oil following the issuance of Permit No. 2520-00009-V1.
- 201 [LAC 33:III.1511.A] Which Months: All Year Phases: Phase II Statistical Basis: None specified Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F.
- 202 [LAC 33:III.1513.A.1] Which Months: All Year Phases: Phase II Statistical Basis: None specified Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously.
- 203 [LAC 33:III.1513.A.2] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
- 204 [LAC 33:III.1513.A.2] Submit compliance determination results: Due no later than 90 days after completion of test
- 205 [LAC 33:III.1513.E] Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
- 206 [LAC 33:III.1513.E] Submit excess emissions report: Due quarterly in accordance with LAC 33:I.Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.

SPECIFIC REQUIREMENTS**AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20080005****Permit Number: 2520-00009-V2****Air - Title V Regular Permit Reopening****EQT0011 3A - CFB Boiler Unit 3A**

- 207 [LAC 33:III.1513.E] Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III.Chapter 39. , Phases: Phase II
Phases: Phase II
- Nitrogen oxides <= 0.07 lb/MMBTU. This limit shall apply when the unit is operating at greater than or equal to 60% of its steam flow design capacity.
- Which Months: All Year Phases: Phase II Statistical Basis: Annual average Nitrogen oxides <= 0.15 lb/MMBTU. This limit shall apply when the unit is operating at less than 60% of its steam flow design capacity.
- Which Months: All Year Phases: Phase II Statistical Basis: Annual average Permittee shall fire only petroleum coke and coal in this boiler in any combination. , Phases: Phase II
Phases: Phase II
- At no time and under no circumstances shall this unit be operated concurrently with EQT 7. , Phases: Phase II
Phases: Phase II
- Carbon monoxide <= 0.10 lb/MMBTU. This limit shall apply when the steam production output of this source is greater than or equal to 60% of its capacity.
- Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average Carbon monoxide <= 0.15 lb/MMBTU. This limit shall apply when the steam production output of this source is less than 60% of its capacity.
- Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. , Phases: Phase II
Phases: Phase II
- Hydrofluoric acid <= 0.00084 lb/MMBTU.
- Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average Particulate matter (10 microns or less) <= 0.011 lb/MMBTU.
- Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average Permittee shall conduct a performance test to determine the steam production output that corresponds to the transition point below which the boilers produce more carbon monoxide. Permittee shall submit, within 180 days of the completion of the performance test, a permit modification to incorporate this steam production rate into the permit. , Phases: Phase II
Phases: Phase II
- 216 [LAC 33:III.509]
- 217 [LAC 33:III.509]
- 218 [LAC 33:III.509]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0011 3A - CFB Boiler Unit 3A

219 [LAC 33:III.509]

Permittee shall utilize circulating fluidized bed technology in conjunction with a fabric filter in order to control emissions of particulate matter. Determined as BACT. , Phases: Phase II

220 [LAC 33:III.509]

Phases: Phase II
 Permittee shall utilize circulating fluidized bed technology in conjunction with a flue gas desulfurization device and a fabric filter in order to control emissions of hydrogen fluoride and sulfuric acid. Determined as BACT. , Phases: Phase II

221 [LAC 33:III.509]

Phases: Phase II
 Permittee shall utilize circulating fluidized bed technology in conjunction with good combustion practices in order to control emissions of volatile organic compounds and carbon monoxide. Determined as BACT. , Phases: Phase II

222 [LAC 33:III.509]

Phases: Phase II
 Permittee shall utilize circulating fluidized bed technology in conjunction with limestone injection and a flue gas desulfurization device in order to control emissions of sulfur dioxide. Determined as BACT. , Phases: Phase II

223 [LAC 33:III.509]

Phases: Phase II
 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. , Phases: Phase II

224 [LAC 33:III.509]

Phases: Phase II
 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. , Phases: Phase II

225 [LAC 33:III.509]

Phases: Phase II
 Sulfur dioxide <= 0.08 lb/MMBTU. This limit shall apply when this boiler is fired with 100% Powder River Basin, western bituminous, western subbituminous, and international subbituminous coals, or any combination of these coals with less than 1.5 lb/MMBTU (higher heating value) inlet sulfur concentration.

226 [LAC 33:III.509]

Which Months: All Year Statistical Basis: Thirty-day rolling average

227 [LAC 33:III.509]

Sulfur dioxide <= 0.15 lb/MMBTU.
 Which Months: All Year , Phases: Phase II Statistical Basis: Thirty-day rolling average

228 [LAC 33:III.509]

Sulfuric acid <= 0.0012 lb/MMBTU.
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average

229 [40 CFR 60.42Da(b)]

VOC, Total <= 0.0047 lb/MMBTU.
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 Phases: Phase II

EQT0012 3B - CFB Boiler Unit 3B

230 [40 CFR 60.42Da]

Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. Subpart Da. [40 CFR 60.42Da(b)]
 Which Months: All Year Statistical Basis: Six-minute average
 On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with either 40 CFR 60.42Da(c)(2) or (d). Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. , Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
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Air - Title V Regular Permit Reopening

EQT0012 3B - CFB Boiler Unit 3B

231 [40 CFR 60.43Da(i)]

On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for sulfur dioxide stated in 40 CFR 60.43Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. [40 CFR 60.43Da(i)], Phases: Phase II

232 [40 CFR 60.44Da(e)(1)]

Nitrogen oxides <= 1.0 lb/MWh (130 ng/J) gross electrical output. Subpart Da. [40 CFR 60.44Da(e)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average

On and after the date on which the performance test required to be conducted under 40 CFR 60.8 is completed, permittee shall comply with one (1) of the applicable emissions limitations for nitrogen oxides stated in 40 CFR 60.44Da. Within 180 days of completion of the above referenced performance test, permittee shall submit a permit modification to show the applicable emissions limitation with which this source will comply. , Phases: Phase II

233 [40 CFR 60.44Da]

Do not discharge into the atmosphere any gases from a new affected source that contain Hg in excess of the computed weighted Hg emissions limit based on the proportion of energy output (in British thermal units, Btu) contributed by each coal rank burned during the compliance period and its applicable Hg emissions limit in 40 CFR 60.45Da(a)(1) through (4) as determined using Equation 1 of 40 CFR 60.45Da(a)(5)(i). Meet the weighted Hg emissions limit calculated using Equation 1 of 40 CFR 60.45Da(a)(5)(i) by calculating the unit emission rate based on the total Hg loading of the unit and the total Btu or megawatts hours contributed by all fuels burned during the compliance period. Subpart Da. [40 CFR 60.45Da(a)(5)(i)], Phases: Phase II

234 [40 CFR 60.45Da(a)(5)(i)]

Do not discharge into the atmosphere any gases from a new affected source that contain Hg in excess of the computed weighted Hg emissions limit based on the proportion of energy output (in British thermal units, Btu) contributed by each coal rank burned during the compliance period and its applicable Hg emissions limit in 40 CFR 60.45Da(a)(1) through (4) as determined using Equation 1 of 40 CFR 60.45Da(a)(5)(i). Meet the weighted Hg emissions limit calculated using Equation 1 of 40 CFR 60.45Da(a)(5)(i) by calculating the unit emission rate based on the total Hg loading of the unit and the total Btu or megawatts hours contributed by all fuels burned during the compliance period. Subpart Da. [40 CFR 60.45Da(a)(5)(i)], Phases: Phase II

235 [40 CFR 60.45Da(a)(5)(i)]

Mercury: Permittee shall calculate the appropriate emissions limitation in accordance with 40 CFR 60.45Da(a)(5)(i) and shall comply with the resulting limitation. Compliance with this limitation shall be determined on a twelve month rolling average in accordance with 40 CFR 60.50Da(h). [40 CFR 60.45Da(a)(5)(i)], Phases: Phase II

236 [40 CFR 60.48Da(c)]

Comply with the Hg emission standards under 40 CFR 60.45Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II

237 [40 CFR 60.48Da(c)]

Comply with the nitrogen oxides emission standards under 40 CFR 60.44Da at all times except during periods of startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II

238 [40 CFR 60.48Da(d)]

Comply with the particulate matter emission standards under 40 CFR 60.42Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)], Phases: Phase II

239 [40 CFR 60.48Da(d)]

During emergency conditions in the principal company, do not operate an affected facility with a malfunctioning flue gas desulfurization system unless sulfur dioxide emissions are minimized in accordance with the requirements of 60.46Da(d)(1) through (d)(3). Subpart Da. [40 CFR 60.48Da(d)], Phases: Phase II

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Air - Title V Regular Permit Reopening

EQT0012 3B - CFB Boiler Unit 3B

- 240 [40 CFR 60.48Da(e)] Show compliance with the nitrogen oxides standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
- Phases: Phase II
- 241 [40 CFR 60.48Da(e)] Show compliance with the sulfur dioxide standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate and percent reduction. Subpart Da. [40 CFR 60.48Da(e)], Phases: Phase II
- Phases: Phase II
- 242 [40 CFR 60.48Da(f)] Schedule the initial performance test so that the first boiler operating day of the 30 successive boiler operating days is completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of the facility. Subpart Da. [40 CFR 60.48Da(f)], Phases: Phase II
- Phases: Phase II
- Calculate the Hg emission rate (lb/MWh) for each calendar month of the year, using hourly HG concentrations measured according to the provisions of 40 CFR 60.49Da(p) in conjunction with hourly stack gas volumetric flow rates measured according to the provisions of 40 CFR 60.49Da(k). Subpart Da. [40 CFR 60.49Da(l) or (m), and hourly gross electrical outputs, determined according to the provisions in 40 CFR 60.49Da(k)]. Subpart Da. [40 CFR 60.48Da(l)], Phases: Phase II
- Phases: Phase II
- Permittee shall monitor the performance of each fabric filter (baghouse) operated to comply with the applicable particulate matter emissions limit in 40 CFR 60.42Da(c)(2) or (d) using a continuous opacity monitoring system (COMS) according to the requirements in 40 CFR 60.68Da(o)(2)(i) - (vi). [40 CFR 60.48Da(o)(2)], Phases: Phase II
- Phases: Phase II
- Determine compliance with the SO₂ and NO_x emission standards by calculating the arithmetic average of all hourly emission rates for SO₂ and NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction (NO_x only), or emergency conditions (SO₂ only). Subpart Da. [40 CFR 60.48Da(q)(1)], Phases: Phase II
- Phases: Phase II
- Determine compliance with particulate matter emission limitations by calculating the arithmetic average of all hourly emission rates for particulate matter each boiler operating day, except for data obtained during startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(q)(3)], Phases: Phase II
- Phases: Phase II
- Opacity monitored by continuous opacity monitor (COM) continuously, except as provided for in 40 CFR 60.49Da(t) and (u). If opacity interference due to water droplets exists in the stack, monitor opacity upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations, monitor alternate parameters indicative of the particulate matter control system's performance (subject to the approval of DEQ). Subpart Da. [40 CFR 60.49Da(a)]
- Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average Opacity recordkeeping by electronic or hard copy continuously, except as provided for in 40 CFR 60.49Da(t) and (u). Subpart Da. [40 CFR 60.49Da(a)]
- Phases: Phase II
- Sulfur dioxide monitored by CMS continuously. Monitor at the outlet of the sulfur dioxide control device. Subpart Da. [40 CFR 60.49Da(b)] Which Months: All Year Phases: Phase II Statistical Basis: One-hour average

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EQT0012 3B - CFB Boiler Unit 3B

- 250 [40 CFR 60.49Da(b)] Sulfur dioxide recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(b)]
 Phases: Phase II
- 251 [40 CFR 60.49Da(c)] Nitrogen oxides monitored by CMS continuously. Subpart Da. [40 CFR 60.49Da(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 252 [40 CFR 60.49Da(c)] Nitrogen oxides recordkeeping by electronic or hard copy continuously. Subpart Da. [40 CFR 60.49Da(c)]
 Phases: Phase II
- 253 [40 CFR 60.49Da(d)] Oxygen or Carbon dioxide monitored by CMS continuously. Monitor the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 254 [40 CFR 60.49Da(d)] Oxygen or Carbon dioxide recordkeeping by electronic or hard copy continuously. Record the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
 Phases: Phase II
- 255 [40 CFR 60.49Da(f)(2)] Obtain emission data for at least 90 percent of all operating hours for each 30 successive boiler operating days. If this minimum data requirement cannot be met with a continuous monitoring system, supplement emission data with other monitoring systems approved by DEQ or the reference methods and procedures as described in 40 CFR 60.49Da(h). Subpart Da. [40 CFR 60.49Da(f)(2)], Phases: Phase II
 Phases: Phase II
- 256 [40 CFR 60.49Da(p)] Mercury monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
 Which Months: All Year Phases: Phase II Statistical Basis: One-hour average
- 257 [40 CFR 60.49Da(p)] Mercury recordkeeping by electronic or hard copy continuously. Record the concentration of Hg in the exhaust gases from each stack according to the requirements in 40 CFR 60.49Da(p)(1) through (3). Subpart Da. [40 CFR 60.49Da(p)]
 Phases: Phase II
- 258 [40 CFR 60.49Da(s)] Submit plan: Due to DEQ for approval of a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. Address in the plan the requirements in 40 CFR 60.49Da(s)(1) through (6). Subpart Da. [40 CFR 60.49Da(s)], Phases: Phase II
 Phases: Phase II
- 259 [40 CFR 60.50Da(a)] Use as reference methods and procedures the methods specified in 40 CFR 60Da, Appendix A or the methods and procedures as specified in 40 CFR 60.50Da, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart Da. [40 CFR 60.50Da(a)], Phases: Phase II
 Phases: Phase II
- 260 [40 CFR 60.50Da(b)] Determine compliance with the particulate matter standards in 40 CFR 60.42Da using the methods and procedures specified in 40 CFR 60.50Da(b)(1) through (b)(3). Subpart Da. [40 CFR 60.50Da(b)], Phases: Phase II
 Phases: Phase II
- 261 [40 CFR 60.50Da(c)] Determine compliance with the sulfur dioxide standards in 40 CFR 60.43Da using the methods and procedures specified in 40 CFR 60.50Da(c)(1) through (c)(5). Subpart Da. [40 CFR 60.50Da(c)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

A1 ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
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Air - Title V Regular Permit Reopening

EQT0012 3B - CFB Boiler Unit 3B

- 262 [40 CFR 60.50Da(d)] Determine compliance with the nitrogen oxides standard in 40 CFR 60.44Da using the methods and procedures specified in 40 CFR 60.50Da(d)(1) and (d)(2). Subpart Da. [40 CFR 60.50Da(d)], Phases: Phase II
 Phases: Phase II
- 263 [40 CFR 60.50Da(h)] Determine compliance with the Hg limit in 40 CFR 60.45Da using the procedures specified in 40 CFR 60.50Da(h)(1) through (h)(3). Subpart Da. [40 CFR 60.50Da(h)], Phases: Phase II
 Phases: Phase II
- 264 [40 CFR 60.50Da(q)] Use the procedures in 40 CFR 60.50Da(g)(1) through (2) to calculate emission rates based on electrical output to the grid plus half of the equivalent electrical energy in the unit's process stream, for the purposes of determining compliance with the emission limits in 40 CFR 60.45Da and 60.46Da. Subpart Da. [40 CFR 60.50Da(q)], Phases: Phase II
 Phases: Phase II
- 265 [40 CFR 60.51DA(C)] Submit report: Due semiannually for each six-month period. If the minimum quantity of emission data as required by 40 CFR 60.49Da is not obtained for any 30 successive boiler operating days, report the information specified in 40 CFR 60.51Da(c)(1) through (c)(5), obtained under the requirements of 40 CFR 60.48Da(h), for that 30-day period. Subpart Da. [40 CFR 60.51DA(C)], Phases: Phase II
 Phases: Phase II
- 266 [40 CFR 60.51Da(D)] Submit a signed statement if any standards under 40 CFR 60.43Da are exceeded during emergency conditions because of control system malfunction. Indicate if emergency conditions existed and requirements under 40 CFR 60.48Da(d) were met during each period. List the time periods the emergency condition existed; the electrical output and demand on the electric utility system and the affected facility; the amount of power purchased from interconnected neighboring utility companies during the emergency period; the percent reduction in emissions achieved; the atmospheric emission rate (ng/J) of the pollutant discharged; and the actions taken to correct control system malfunction. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(D)], Phases: Phase II
 Phases: Phase II
- 267 [40 CFR 60.51Da(a)] Submit the performance test data from the initial performance test and from the performance evaluation of the continuous monitors (including the transmissometer). Subpart Da. [40 CFR 60.51Da(a)], Phases: Phase II
 Phases: Phase II
- 268 [40 CFR 60.51Da(b)] Submit report: Due semiannually for each six-month period. Submit the information specified in 40 CFR 60.51Da(b)(1) through (b)(9) for each 24-hour period. Subpart Da. [40 CFR 60.51Da(b)], Phases: Phase II
 Phases: Phase II
- 269 [40 CFR 60.51Da(f)] Submit a signed statement indicating if any changes were made in operation of the emission control system during periods of data unavailability, for any periods for which opacity, sulfur dioxide or nitrogen oxides emissions data are not available. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(f)], Phases: Phase II
 Phases: Phase II
- 270 [40 CFR 60.51Da(g)] Submit report: Due semiannually for each six-month period. Submit the information specified in 40 CFR 60.51Da(g)(1) through (5). Subpart Da. [40 CFR 60.51Da(g)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

EQT0012 3B - CFB Boiler Unit 3B

- 271 [40 CFR 60.51Da(h)] Submit a signed statement indicating whether the required continuous monitoring system calibration, span, and drift checks or other periodic audits have or have not been performed as specified; the data used to show compliance was or was not obtained in accordance with approved methods and procedures of 40 CFR 60 and is representative of plant performance; the minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable; and compliance with the standards has or has not been achieved during the reporting period. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(h)], Phases: Phase II
Phases: Phase II
- 272 [40 CFR 60.51Da(i)] Submit excess emissions report. Due quarterly. Submit opacity levels in excess of the applicable opacity standard and the date of such excesses. Subpart Da. [40 CFR 60.51Da(i)], Phases: Phase II
Phases: Phase II
- 273 [40 CFR 60.52Da] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of all information needed to demonstrate compliance including performance tests, monitoring data, fuel analyses, and calculations, consistent, with the requirements of 40 CFR 60.7(f). Subpart Da.
Phases: Phase II
- 274 [40 CFR 60.52Da] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Provide notifications in accordance with 40 CFR 60.7(a). Subpart Da.
Phases: Phase II
- 275 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)], Phases: Phase II
Phases: Phase II
- 276 [40 CFR 64.4(e)] Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)], Phases: Phase II
Phases: Phase II
- 277 [40 CFR 64.6(c)(1)] Equipment/operational data monitored by technically sound method continuously. Monitor the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(1)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified
An excursion or exceedance is defined as an opacity reading or a differential pressure reading that falls outside of the indicator range established in the initial performance test. [40 CFR 64.6(c)(2)], Phases: Phase II
Phases: Phase II
- 278 [40 CFR 64.6(c)(2)] Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)], Phases: Phase II
Phases: Phase II
- 279 [40 CFR 64.6(c)(2)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the opacity of the emissions and the differential pressure across the fabric filters. [40 CFR 64.6(c)(4)]
Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0012 3B - CFB Boiler Unit 3B

- 281 [40 CFR 64.6(d)]
 Schedule for installation, testing or final verification of operational status: Permittee shall install a continuous opacity monitoring system (COMS) and differential pressure gauges on the baghouse that controls particulate matter emissions from this source. This installation shall occur prior to initial startup of this unit. Within 180 days of the commencement of commercial operation, permittee shall conduct a performance test to determine the indicator ranges for the differential pressure gauges that show compliance with the particulate matter BACT limit of 0.011 lb/MMBTU. Permittee shall also monitor the performance of the baghouse operated to comply with the particulate matter BACT limit of 0.011 lb/MMBTU according to the methodology set forth in 40 CFR 60.48Da(o)(2) using the COMIS according to the requirements in 40 CFR 60.68Da(o)(2)(i) - (vi). During the performance test, this source shall fire the worst case fuel configuration for the generation of particulate matter. [40 CFR 64.6(d)], Phases: Phase II
 Phases: Phase II
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)], Phases: Phase II
- 282 [40 CFR 64.7(a)]
 Phases: Phase II
 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(d)], Phases: Phase II
 Phases: Phase II
 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)], Phases: Phase II
 Phases: Phase II
 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)], Phases: Phase II
 Phases: Phase II
 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the particulate matter emission limitation for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)], Phases: Phase II
 Phases: Phase II
- 283 [40 CFR 64.7(b)]
 Phases: Phase II
- 284 [40 CFR 64.7(c)]
 Phases: Phase II
- 285 [40 CFR 64.7(d)(1)]
 Phases: Phase II
- 286 [40 CFR 64.7(e)]
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0012_3B - CFB Boiler Unit 3B

- 287 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(ii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(ii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)], Phases: Phase II
 Phases: Phase II
- 288 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)], Phases: Phase II
 Phases: Phase II
- 289 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
 Phases: Phase II
- 290 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
 Phases: Phase II
- 291 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 292 [LAC 33:III.1313.C] Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Determine compliance with the appropriate emission limitation in LAC 33:III.1503.A through 1503.C using the methods listed in LAC 33:III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ.
- 293 [LAC 33:III.1503.D.] Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60, Appendix B, and quality assured by the procedures in 40 CFR 60, Appendix F.
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously.
- 294 [LAC 33:III.1511.A] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
 Submit compliance determination results: Due no later than 90 days after completion of test.
 Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
- 295 [LAC 33:III.1513.A.] Submit excess emissions report: Due quarterly in accordance with LAC 33:1.Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.
 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
- 296 [LAC 33:III.1513.A.2]
- 297 [LAC 33:III.1513.A.2]
- 298 [LAC 33:III.1513.E]
- 299 [LAC 33:III.1513.E]
- 300 [LAC 33:III.1513.E]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0012 3B - CFB Boiler Unit 3B

- 301 [LAC 33:III.1513] Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:1.C Chapter 39. , Phases: Phase II
 Phases: Phase II
- 302 [LAC 33:III.501.C.6] Nitrogen oxides <= 0.07 lb/MMBTU. This limit shall apply when the unit is operating at greater than or equal to 60% of its steam flow design capacity.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual average
 Nitrogen oxides <= 0.15 lb/MMBTU. This limit shall apply when the unit is operating at less than 60% of its steam flow design capacity.
- 303 [LAC 33:III.501.C.6] Which Months: All Year Phases: Phase II Statistical Basis: Annual average
 Nitrogen oxides <= 0.15 lb/MMBTU. This limit shall apply when the unit is operating at less than 60% of its steam flow design capacity.
- 304 [LAC 33:III.501.C.6] Permittee shall fire only petroleum coke and coal in this boiler in any combination. , Phases: Phase II
 Phases: Phase II
- 305 [LAC 33:III.509] At no time and under no circumstances shall this unit be operated concurrently with EQT 7. , Phases: Phase II
 Phases: Phase II
- 306 [LAC 33:III.509] Carbon monoxide <= 0.10 lb/MMBTU. This limit shall apply when the steam production output of this source is greater than or equal to 60% of its capacity.
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 Carbon monoxide <= 0.15 lb/MMBTU. This limit shall apply when the steam production output of this source is less than 60% of its capacity.
- 307 [LAC 33:III.509] Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. , Phases: Phase II
 Phases: Phase II
- 308 [LAC 33:III.509] Hydrofluoric acid <= 0.00084 lb/MMBTU.
 Which Months: All Year Statistical Basis: Thirty-day rolling average
 Particulate matter (10 microns or less) <= 0.011 lb/MMBTU.
- 309 [LAC 33:III.509] Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 Permittee shall conduct a performance test to determine the steam production output that corresponds to the transition point below which the boilers produce more carbon monoxide. Permittee shall submit, within 180 days of the completion of the performance test, a permit modification to incorporate this steam production rate into the permit. , Phases: Phase II
 Phases: Phase II
- 310 [LAC 33:III.509]
- 311 [LAC 33:III.509]

SPECIFIC REQUIREMENTS

A1 ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

EQT0012 3B - CFB Boiler Unit 3B

- Permittee shall utilize circulating fluidized bed technology in conjunction with a fabric filter in order to control emissions of particulate matter.
 Determined as BACT. , Phases: Phase II
 Phases: Phase II
- Permittee shall utilize circulating fluidized bed technology in conjunction with a flue gas desulfurization device and a fabric filter in order to control emissions of hydrogen fluoride and sulfuric acid. Determined as BACT. , Phases: Phase II
 Phases: Phase II
- Permittee shall utilize circulating fluidized bed technology in conjunction with good combustion practices in order to control emissions of volatile organic compounds and carbon monoxide. Determined as BACT. , Phases: Phase II
 Phases: Phase II
- Permittee shall utilize circulating fluidized bed technology in conjunction with limestone injection and a flue gas desulfurization device in order to control emissions of sulfur dioxide. Determined as BACT. , Phases: Phase II
 Phases: Phase II
- Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. , Phases: Phase II
 Phases: Phase II
- Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. , Phases: Phase II
 Phases: Phase II
- Sulfur dioxide <= 0.08 lb/MMBTU. This limit shall apply when this boiler is fired with 100% Powder River Basin, western bituminous, western subbituminous, and international subbituminous coals, or any combination of these coals with less than 1.5 lb/MMBTU (higher heating value)
 inlet sulfur concentration.
- Which Months: All Year Statistical Basis: Thirty-day rolling average
 Sulfur dioxide <= 0.15 lb/MMBTU.
- Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 Sulfuric acid <= 0.0012 lb/MMBTU.
- Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 VOC, Total <= 0.0047 lb/MMBTU.
- Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
- 312 [LAC 33:III.509]
 313 [LAC 33:III.509]
 314 [LAC 33:III.509]
 315 [LAC 33:III.509]
 316 [LAC 33:III.509]
 317 [LAC 33:III.509]
 318 [LAC 33:III.509]
 319 [LAC 33:III.509]
 320 [LAC 33:III.509]
 321 [LAC 33:III.509]

EQT0014 AC2 - Activated Carbon Silo #2

- Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification.
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

EQT0018 CT1 - Cooling Tower

- Permittee shall install a drift eliminator on the Cooling Tower (EOT 18) with a 99.999 percent control efficiency. Determined as BACT.

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
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EQT0020 BA1C - Bed Ash Silos - Bin Vent Filter System

324 [LAC 33:III.509]

Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency from filter manufacturer's certification.
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

FUG0004 BA4 - Bed Ash Unloading to Landfill

325 [LAC 33:III.1311.C]

Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall utilize best operating practices in order to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
 Phases: Phase II

FUG0009 FA4 - Fly Ash Unloading to Landfill

327 [LAC 33:III.1311.C]

Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall utilize best operating practices in order to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
 Phases: Phase II

FUG0010 FUG1 - Raw Material Handling Conveyors

329 [LAC 33:III.1311.C]

Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall cover all conveyors with wind screens and shall use wet suppression in order to control emissions of particulate matter.
 Determined as BACT. , Phases: Phase II
 Phases: Phase II

FUG0015 FUG6 - Haul Road Fugitive Dust Emissions

331 [LAC 33:III.1311.C]

Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall pave all roads constructed at this facility as a result of this project. Permittee shall apply a dust suppressant to any unpaved roads that experience traffic from material handling operations. Determined as BACT. , Phases: Phase II
 Phases: Phase II

FUG0017 TP1 - Transfer Point - Barge Unloader

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0017 TP1 - Transfer Point - Barge Unloader

- 333 [40 CFR 60.252(c)] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
- 334 [40 CFR 60.254(a)] Phases: Phase II
- Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2), as applicable. Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
- 335 [40 CFR 60.254(b)] Phases: Phase II
- Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
- 336 [40 CFR 60.672(b)] Phases: Phase II
- Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
- 337 [40 CFR 60.672(e)] Phases: Phase II
- 338 [40 CFR 60.675(a)] Phases: Phase II
- 339 [40 CFR 60.675(c)] Phases: Phase II
- Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
- 340 [40 CFR 60.675(c)] Phases: Phase II
- Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
- 341 [40 CFR 60.675(g)] Phases: Phase II
- Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
- 342 [40 CFR 60.676(f)] Phases: Phase II
- Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.676(f). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0017 TP1 - Transfer Point - Barge Unloader

343 [40 CFR 60.676(i)(1)]
Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

344 [LAC 33:III.1311C]
Phases: Phase II
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
Permittee shall use wet suppression in conjunction with wind screens to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
Phases: Phase II

345 [LAC 33:III.509]

FUG0018 TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor

346 [40 CFR 60.252(c)]
Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified
Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II

348 [40 CFR 60.254(b)]
Phases: Phase II
Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2), as applicable. Subpart Y. [40 CFR 60.254(b)]. Phases: Phase II
Phases: Phase II

349 [40 CFR 60.672(b)]
Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified
Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II

350 [40 CFR 60.672(e)]
Phases: Phase II
Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
Phases: Phase II
Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0018 TP2 - Transfer Point - Unloading Hopper to Barge Unloading Conveyor

- 353 [40 CFR 60.675(c)] Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
 Phases: Phase II
 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
 Phases: Phase II
 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
 Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
 Phases: Phase II
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
 Phases: Phase II
- FUG0019 TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor**
- 355 [40 CFR 60.676(f)] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.254(a),
 Phases: Phase II
 Phases: Phase II
 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).
 Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
 Phases: Phase II
 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0019 TP3 - Transfer Point - Barge Unloading Conveyor to Unloading Transfer Conveyor

- Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
 Phases: Phase II
 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
 Phases: Phase II
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO.
 [40 CFR 60.675(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
 Phases: Phase II
 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
 Phases: Phase II
 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
 Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
 Phases: Phase II
 Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
 Phases: Phase II
- FUG0020 TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Conveyor**
- 370 [LAC 33.III.1311.C] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 371 [LAC 33.III.509] Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0020 TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Conveyor

- Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.254(a), Phases: Phase II
- Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2), as applicable. Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
- Phases: Phase II
- Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Comply with the emission limits in 40 CFR 60.672(a), (b) and (c). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
- Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
- Phases: Phase II
- Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
- Phases: Phase II
- Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(e)], Phases: Phase II
- Phases: Phase II
- Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
- Phases: Phase II
- Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
- Phases: Phase II
- 373 [40 CFR 60.254(a)]
- 374 [40 CFR 60.254(b)]
- 375 [40 CFR 60.672(b)]
- 376 [40 CFR 60.672(e)]
- 377 [40 CFR 60.675(a)]
- 378 [40 CFR 60.675(c)]
- 379 [40 CFR 60.675(e)]
- 380 [40 CFR 60.675(g)]
- 381 [40 CFR 60.676(f)]
- 382 [40 CFR 60.676(i)(1)]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

FUG0020 TP4 - Transfer Point - Unloading Transfer Conveyor to the Storage Conveyor

383 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
 Phases: Phase II

FUG0021 TP5 - Transfer Point - Storage Conveyor to Stacker Conveyor

- 385 [40 CFR 60.252(c)] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
- 386 [40 CFR 60.254(a)] Phases: Phase II
- 387 [40 CFR 60.254(b)] Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2), as applicable. Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
- 388 [40 CFR 60.672(b)] Phases: Phase II
 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Comply with the emission limits in 40 CFR 60.672(b). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
- 389 [40 CFR 60.672(e)] Phases: Phase II
- 390 [40 CFR 60.675(a)] Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
- 391 [40 CFR 60.675(c)] Phases: Phase II
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
- 392 [40 CFR 60.675(c)] Phases: Phase II
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
- 393 [40 CFR 60.675(g)] Phases: Phase II
 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0021 TP5 - Transfer Point - Storage Conveyor to Stackar Conveyor

394 [40 CFR 60.676(f)]
Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II
Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
Phases: Phase II
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
Phases: Phase II

FUG0022 TP6 - Transfer Point - Stackar Conveyor to Storage Piles

395 [40 CFR 60.676(i)(1)]
Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II
Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
Phases: Phase II
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
Phases: Phase II

FUG0022 TP6 - Transfer Point - Stackar Conveyor to Storage Piles

396 [LAC 33:III.1311.C]
Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified
Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
Phases: Phase II
Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II
Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified
Comply with the emission limits in 40 CFR 60.672(b). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II
Phases: Phase II
Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

FUG0022 TP6 - Transfer Point - Stack Convey or to Storage Piles

Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO.

- 404 [40 CFR 60.675(c)]
 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
- 405 [40 CFR 60.675(g)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
- 406 [40 CFR 60.675(g)]
 Phases: Phase II
 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
- 407 [40 CFR 60.676(f)]
 Phases: Phase II
 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
- 408 [40 CFR 60.676(i)(1)]
 Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
- 409 [LAC 33:III.1311.C]
 Phases: Phase II
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 410 [LAC 33:III.509]
 Phases: Phase II
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II

FUG0023 TP7A - Transfer Point - Petroleum Coke Reclaim from Storage Piles

- 411 [LAC 33:III.1311.C]
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 412 [LAC 33:III.509]
 Phases: Phase II
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II

FUG0024 TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles

- 413 [40 CFR 60.252(c)]
 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

FUG0024 TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles

414 [40 CFR 60.254(a)]

Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.254(a).
 Phases: Phase II

Phases: Phase II
 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).

Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II
 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Comply with the emission limits in 40 CFR 60.672(b). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II

Phases: Phase II
 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

Phases: Phase II
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]

Phases: Phase II
 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II
 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II

415 [40 CFR 60.254(b)]

Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).
 Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II
 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Comply with the emission limits in 40 CFR 60.672(b). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II

Phases: Phase II
 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

Phases: Phase II
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]

Phases: Phase II
 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II
 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

416 [40 CFR 60.672(b)]

Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0024 TP7B - Transfer Point - Coal/Limestone Reclaim from Storage Piles

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
 Phases: Phase II

FUG0025 TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile

Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

Comply with the emission limits in 40 CFR 60.672(b). Subpart OOO. [40 CFR 60.672(e)], Phases: Phase II

Phases: Phase II

Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

Phases: Phase II

Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]

Phases: Phase II

Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II

Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II

424 [LAC 33:III.1311.C]

424 [40 CFR 60.672(b)]

425 [LAC 33:III.509]

425 [40 CFR 60.672(e)]

426 [40 CFR 60.675(a)]

427 [40 CFR 60.675(c)]

428 [40 CFR 60.675(c)]

429 [40 CFR 60.675(c)]

430 [40 CFR 60.675(c)]

431 [40 CFR 60.675(b)]

432 [40 CFR 60.676(f)]

433 [40 CFR 60.676(i)(1)]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant

Activity Number: PER20080005

Permit Number: 2520-00009-V2

Air - Title V Regular Permit Reopening

FUG0025 TP8 - Transfer Point - Emergency Reclaim from Limestone Storage Pile

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. , Phases: Phase II

434 [LAC 33:III.1305]

Phases: Phase II
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

435 [LAC 33:III.1311.C]

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
Permittee shall use wet suppression to control emissions of particulate matter. Determined as BACT. , Phases: Phase II

FUG0026 TP9 - Coke Reclaim Transfer Tower - Dust Collection

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

FUG0027 TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection

Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified

443 [40 CFR 60.232(c)]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0027 TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection

444 [40 CFR 60.254(a)]

Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)].

Phases: Phase II

Phases: Phase II
Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2), as applicable. Subpart Y. [40 CFR 60.254(b)], Phases: Phase II

Phases: Phase II
Total suspended particulate <= 0.05 g/dscm (0.022 gr/dscf). Subpart OOO. [40 CFR 60.672(a)(1)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
Opacity <= 7 percent, unless the stack emissions are discharged from an affected facility using a wet scrubbing control device. Subpart OOO. [40 CFR 60.672(a)(2)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II

Phases: Phase II
Total suspended particulate monitored by the regulation's specified method(s) as needed. Use Method 5 or Method 17 to determine the particulate matter concentration. Subpart OOO. [40 CFR 60.675(b)(1)]
Which Months: All Year Phases: Phase II Statistical Basis: None specified
Total suspended particulate recordkeeping by electronic or hard copy as needed. Record the particulate matter concentration determined during the test. Subpart OOO. [40 CFR 60.675(b)(1)]

Phases: Phase II
Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
Phases: Phase II
Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified
Determine compliance with 40 CFR 60.672(e) by using Method 22 to determine fugitive emissions. Conduct the performance test while all affected facilities inside the building are operating. Observe each side of the building and the roof for at least 15 minutes each (75 minutes total). Subpart OOO. [40 CFR 60.675(d)], Phases: Phase II

Phases: Phase II
Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

Phases: Phase II

450 [40 CFR 60.675(b)(1)]

451 [40 CFR 60.675(b)(2)]
Phases: Phase II
Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]

452 [40 CFR 60.675(c)]

453 [40 CFR 60.675(d)]
Phases: Phase II
Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II

454 [40 CFR 60.675(g)]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0027 TP10 - Coal/Limestone Reclaim Transfer Tower - Dust Collection

Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II
 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER2008005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0028 TP11 - Diverter Transfer Tower - Dust Collection System

- Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
- Determine compliance with particulate matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2), as applicable. Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
- Phases: Phase II
- Total suspended particulate <= 0.05 g/dscm (0.022 gr/dscf). Subpart OOO. [40 CFR 60.672(a)(1)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Opacity <= 7 percent, unless the stack emissions are discharged from an affected facility using a wet scrubbing control device. Subpart OOO. [40 CFR 60.672(a)(2)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
- Phases: Phase II
- Total suspended particulate monitored by the regulation's specified method(s) as needed. Use Method 5 or Method 17 to determine the particulate matter concentration. Subpart OOO. [40 CFR 60.675(b)(1)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Total suspended particulate recordkeeping by electronic or hard copy as needed. Record the particulate matter concentration determined during the test. Subpart OOO. [40 CFR 60.675(b)(1)]
- Phases: Phase II
- Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
- Phases: Phase II
- Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Determine compliance with 40 CFR 60.672(e) by using Method 22 to determine fugitive emissions. Conduct the performance test while all affected facilities inside the building are operating. Observe each side of the building and the roof for at least 15 minutes each (75 minutes total). Subpart OOO. [40 CFR 60.675(d)], Phases: Phase II
- Phases: Phase II
- Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
- Phases: Phase II
- 464 [40 CFR 60.254(a)]
- 465 [40 CFR 60.254(b)]
- 466 [40 CFR 60.672(a)(1)]
- 467 [40 CFR 60.672(a)(2)]
- 468 [40 CFR 60.675(a)]
- 469 [40 CFR 60.675(b)(1)]
- 470 [40 CFR 60.675(b)(1)]
- 471 [40 CFR 60.675(b)(2)]
- 472 [40 CFR 60.675(c)]
- 473 [40 CFR 60.675(d)]
- 474 [40 CFR 60.675(g)]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana L.L.C - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0028 TP11 - Diverter Transfer Tower - Dust Collection System

Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II

Phases: Phase II
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II
 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.
 Phases: Phase II

FUG0029 TP12 - Crusher Tower - Dust Collection System

Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

475 [40 CFR 60.676(f)]

476 [40 CFR 60.676(i)(1)]

478 [LAC 33:III.509]

479 [LAC 33:III.509]

480 [LAC 33:III.509]

481 [LAC 33:III.509]

482 [LAC 33:III.509]

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0029 TP12 - Crusher Tower - Dust Collection System

- 484 [40 CFR 60.254(a)] Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)], Phases: Phase II
- 485 [40 CFR 60.254(b)] Determine compliance with particulate matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).
 Phases: Phase II
 Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
 Phases: Phase II
- 486 [40 CFR 60.672(a)(1)] Total suspended particulate <= 0.05 g/dscfm (0.022 gr/dscf). Subpart OOO. [40 CFR 60.672(a)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 487 [40 CFR 60.672(a)(2)] Opacity <= 7 percent, unless the stack emissions are discharged from an affected facility using a wet scrubbing control device. Subpart OOO.
 [40 CFR 60.672(a)(2)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 488 [40 CFR 60.675(a)] Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
 Phases: Phase II
- 489 [40 CFR 60.675(b)(1)] Total suspended particulate monitored by the regulation's specified method(s) as needed. Use Method 5 or Method 17 to determine the particulate matter concentration. Subpart OOO. [40 CFR 60.675(b)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 490 [40 CFR 60.675(b)(1)] Total suspended particulate recordkeeping by electronic or hard copy as needed. Record the particulate matter concentration determined during the test. Subpart OOO. [40 CFR 60.675(b)(1)]
 Phases: Phase II
- 491 [40 CFR 60.675(b)(2)] Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
 Phases: Phase II
- 492 [40 CFR 60.675(c)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO.
 [40 CFR 60.675(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 493 [40 CFR 60.675(d)] Determine compliance with 40 CFR 60.672(e) by using Method 22 to determine fugitive emissions. Conduct the performance test while all affected facilities inside the building are operating. Observe each side of the building and the roof for at least 15 minutes each (75 minutes total).
 Subpart OOO. [40 CFR 60.675(d)], Phases: Phase II
 Phases: Phase II
- 494 [40 CFR 60.675(g)] Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
 Activity Number: PER20080005
 Permit Number: 2520-00009-V2
 Air - Title V Regular Permit Reopening

FUG0029 TP12 - Crusher Tower - Dust Collection System

- 495 [40 CFR 60.676(f)]
 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II
- Phases: Phase II
- 496 [40 CFR 60.676(i)(1)]
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II
- Phases: Phase II
- 497 [LAC 33.III.1311.C]
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT.
- Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12.. Determined as BACT.
- Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.
- Phases: Phase II
- Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.
- Which Months: All Year Phases: Phase II Statistical Basis: None specified Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.
- Phases: Phase II
- 501 [LAC 33.III.509]
 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
- 502 [LAC 33.III.509]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

FUG0030 TP13 - Transfer Point - Plant Conveyors to Tripper Deck

- 503 [40 CFR 60.252(c)]

Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
 Which Months: All Year Phases: Phase II Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

FUG0030 TP13 - Transfer Point - Plant Conveyors to Tripper Deck

- Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a), Phases: Phase II]
- Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).
- Subpart Y. [40 CFR 60.254(b)], Phases: Phase II
- Phases: Phase II
- Total suspended particulate <= 0.05 g/dscfm (0.022 gr/dscf). Subpart OOO. [40 CFR 60.672(a)(1)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Opacity <= 7 percent, unless the stack emissions are discharged from an affected facility using a wet scrubbing control device. Subpart OOO.
- [40 CFR 60.672(a)(2)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)], Phases: Phase II
- Phases: Phase II
- Total suspended particulate monitored by the regulation's specified method(s) as needed. Use Method 5 or Method 17 to determine the particulate matter concentration. Subpart OOO. [40 CFR 60.675(b)(1)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Total suspended particulate recordkeeping by electronic or hard copy as needed. Record the particulate matter concentration determined during the test. Subpart OOO. [40 CFR 60.675(b)(1)]
- Phases: Phase II
- Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
- Phases: Phase II
- Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO.
- [40 CFR 60.675(c)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Determine compliance with 40 CFR 60.672(e) by using Method 22 to determine fugitive emissions. Conduct the performance test while all affected facilities inside the building are operating. Observe each side of the building and the roof for at least 15 minutes each (75 minutes total).
- Subpart OOO. [40 CFR 60.675(d)], Phases: Phase II
- Phases: Phase II
- Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)], Phases: Phase II
- Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-000009-V2
Air - Title V Regular Permit Reopening

FUG0030 TP13 - Transfer Point - Plant Conveyors to Tripper Deck

Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)], Phases: Phase II Phases: Phase II

Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)], Phases: Phase II

Phases: Phase II
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II
 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II
 Permittee shall utilize fabric filters to control emissions of particulate matter. Determined as BACT. , Phases: Phase II
 Phases: Phase II

GRP0009 Acid Rain Requirements

515 [40 CFR 60.676(i)]

518 [LAC 33:III.509]

519 [LAC 33:III.509]

521 [LAC 33:III.509]

522 [LAC 33:III.509]

523 [LAC 33:III.509]

SPECIFIC REQUIREMENTS**AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20080005****Permit Number: 2520-00009-V2****Air - Title V Regular Permit Reopening****GRP0009 Acid Rain Requirements****Group Members: EQT0003 EQT0004 EQT0005 EQT0006 EQT0007 EQT0011 EQT0012**

- 524 [40 CFR 75.10(a)(2)] To determine NOX emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a NOX-diluent continuous emission monitoring system (consisting of a NOX pollutant concentration monitor and an O2 or CO2 diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NOX concentration (in ppm), O2 or CO2 concentration (in percent O2 or CO2), and NOX emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in 40 CFR 75.12 and 75.17 and subpart E of 40 CFR 75. The owner or operator shall account for total NOX emissions, both NO and NO₂, either by monitoring for both NO and NO₂ or by monitoring for NO only and adjusting the emissions data to account for NO₂. [40 CFR 75.10(a)(2)]
- Determine CO2 emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.13 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]
- The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; and shall record SO₂ and NOX emissions in the appropriate units of measurement (i.e., lb/hr for SO₂ and lb/MM Btu for NOX). [40 CFR 75.10(b)]
- The owner or operator shall determine and record the heat input rate, in units of MM Btu/hr, to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)]
- The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal or State regulation, or permit. The owner or operator shall ensure that the requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. [40 CFR 75.10(d)]
- The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)]
- The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)]
- Measure and record SO₂ emissions by providing information satisfactory to the Administrator using the applicable procedures specified in appendix D to 40 CFR 75 for estimating hourly SO₂ mass emissions. [40 CFR 75.11(d)(2)]
- To determine SO₂ emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a SO₂ continuous emission monitoring system and a flow monitoring system with an automated data acquisition and handling system for measuring and recording SO₂ concentration (in ppm), volumetric gas flow (in scfh), and SO₂ mass emissions (in lb/hr) discharged to the atmosphere, except as provided in 40 CFR 75.11 and 75.16 and subpart E of 40 CFR 75. [40 CFR 75.11(d)(2)]
- Comply with the applicable provisions of Subpart C-Operation and Maintenance Requirements, Subpart D-Missing Data Substitution Procedures, Subpart F-Recordkeeping Requirements, and Subpart G-Reporting Requirements.

SPECIFIC REQUIREMENTS**AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20080005****Permit Number: 2520-00009-V2****Air - Title V Regular Permit Reopening****GRP0009 Acid Rain Requirements**

An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated. [LAC 33:III.505, 40 CFR 72.9(c)(5)]

Comply with the monitoring requirements as provided in 40 CFR 75. [LAC 33:III.505, 40 CFR 72.9(b)]

Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.¹

- 1.) The certificate of representation for the designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
- 2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.¹

3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.¹

4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [LAC 33:III.505, 40 CFR 72.9(f)(1)]

Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain Permit. [LAC 33:III.505, 40 CFR 72.9(a)(2)]

The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(1)]

The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30, a complete reduced utilization plan if required under 40 CFR 72.43, and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [LAC 33:III.505, 40 CFR 72.9(a)(1)]

The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [LAC 33:III.505, 40 CFR 72.9(f)(2)]

The owners and operators of an affected unit that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(2)]

The owners and operators shall hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit and comply with the applicable Acid Rain emissions limitation for sulfur dioxide. [LAC 33:III.505, 40 CFR 72.9(c)(1)]

GRP0019 Unit 3A - Startup/Shutdown Scenario**Group Members: EQT0011****543 [LAC 33:III.501.C.6]**

The unit shall be defined to be in start-up mode when the unit has not attained 60% of its steam flow design capacity. The unit shall be defined to be in shut-down mode when the unit is brought below 60% of its steam flow design capacity. Phases: Phase II
Phases: Phase II

SPECIFIC REQUIREMENTS**AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant****Activity Number: PER20080005****Permit Number: 2520-00009-V2****Air - Title V Regular Permit Reopening****GRP0021 Unit 3B - Startup/Shutdown Scenario****Group Members:** EQT0012**544 [LAC 33:III.501.C.6]**

The unit shall be defined to be in start-up mode when the unit has not attained 60% of its steam flow design capacity. The unit shall be defined to be in shut-down mode when the unit is brought below 60% of its steam flow design capacity. , Phases: Phase II
Phases: Phase II

GRP0032 Lime & Carbon Silos Common Requirements**Group Members:** EQT0013 EQT0014 EQT0022 EQT0023**545 [LAC 33:III.1311.C]**

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II
Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.

Which Months: All Year Phases: Phase II Statistical Basis: None specified Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.

Phases: Phase II
Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification.
Which Months: All Year Phases: Phase II Statistical Basis: None specified

GRP0033 Ash Silos Common Requirements**Group Members:** EQT0015 EQT0016 EQT0019 EQT0020 EQT0021

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

GRP0033 Ash Silos Common Requirements

- 552 [LAC 33.III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This condition shall apply after the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). Determined as BACT.
- 553 [LAC 33.III.509] Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. This specific condition shall apply during the first 12 months of commercial operation of CFB Boiler Unit 3A (EQT 11) and CFB Boiler 3B (EQT 12). This specific condition shall not apply outside of the first 12 months of commercial operation of EQT 11 and EQT 12. Determined as BACT.
- 554 [LAC 33.III.509] Which Months: All Year Phases: Phase II Statistical Basis: None specified Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.
- 555 [LAC 33.III.509] Phases: Phase II Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Determined as BACT.
- 556 [LAC 33.III.509] Which Months: All Year Phases: Phase II Statistical Basis: None specified Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Determined as BACT.
- 557 [LAC 33.III.509] Phases: Phase II Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification.
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 558 [LAC 33.III.509]

GRP0034 Ash Loading Common Requirements

Group Members: FUG0001 FUG0002 FUG0003 FUG0005 FUG0006 FUG0007 FUG0008

- 559 [LAC 33.III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average Permittee shall utilize a closed-vent system that is vented back into the appropriate silo in order to control emissions of particulate matter. Determined as BACT. , Phases: Phase II Phases: Phase II
- 560 [LAC 33.III.509]

GRP0035 Storage Pile Common Requirements

SPECIFIC REQUIREMENTS

AI ID: 687 - Energy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-00009-V2
Air - Title V Regular Permit Reopening

GRP0035 Storage Pile Common Requirements

Group Members: FUG0011 FUG0012 FUG0013 FUG0014

561 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Permittee shall apply a dust suppressant to the storage pile in order to control emissions of particulate matter. Determined as BACT. , Phases:
 Phase II
 Phases: Phase II

GRP0008 Little Gypsy Electric Generating Plant

Group Members: CRG0001 EQT0003 EQT0004 EQT0005 EQT0006 EQT0007 EQT0008 EQT0009 EQT0011 EQT0012 EQT0013 EQT0014 EQT0015 EQT0016 EQT0017 EQT0018 EQT0019 EQT0020 EQT0021 EQT0022 EQT0023 EQT0024 EQT0025 FUG0001 FUG0002 FUG0003 FUG0004 FUG0005 FUG0006 FUG0007 FUG0008 FUG0009 FUG0010 FUG0011 FUG0012 FUG0013 FUG0014 FUG0015 FUG0016 FUG0017 FUG0018 FUG0019 FUG0020 FUG0021 FUG0022 FUG0023 FUG0024 FUG0025 FUG0026 FUG0027 FUG0028 FUG0029 FUG0030 FUG0031 FUG0032 FUG0033 FUG0034 FUG0035

- 563 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
 564 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
 565 [40 CFR 70.6(e)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
 566 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
 567 [40 CFR 72.9(c)(1)(i)] Energy Louisiana, Inc.'s Little Gypsy Plant shall secure one allowance for each ton of SO2 emitted per year. At the end of the year, each used allowance is retired and cannot be used again. EPA will record allowance transfers that are used for compliance and ensure that Little Gypsy Plant's emissions do not exceed the number of allowances it holds via the Allowance Tracking System (ATS). See Subparts C & D of part 73. [40 CFR 72.9(c)(1)(i)]
 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
 Outdoor burning of waste material or other combustible material is prohibited.

SPECIFIC REQUIREMENTS

AI ID: 687 - Entergy Louisiana LLC - Little Gypsy Generating Plant
Activity Number: PER20080005
Permit Number: 2520-0009-V2
Air - Title V Regular Permit Reopening

GRP0008 Little Gypsy Electric Generating Plant

570	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
571	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A. 1-5.
572	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
573	[LAC 33:III.501.C.6]	1,1,1-Trichloroethane <= 0.036 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
574	[LAC 33:III.501.C.6]	1,1,1-Trichloroethane <= 0.044 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
575	[LAC 33:III.501.C.6]	1,2-Dibromoethane < 0.001 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
576	[LAC 33:III.501.C.6]	1,2-Dichloroethane <= 0.028 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
577	[LAC 33:III.501.C.6]	1,4-Dichlorobenzene <= 0.036 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
578	[LAC 33:III.501.C.6]	1,4-Dichlorobenzene <= 0.065 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
579	[LAC 33:III.501.C.6]	2,4-Dinitrotoluene < 0.001 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
580	[LAC 33:III.501.C.6]	Ammonia <= 64.552 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
581	[LAC 33:III.501.C.6]	Antimony (and compounds) <= 0.016 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
582	[LAC 33:III.501.C.6]	Antimony (and compounds) <= 0.767 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
583	[LAC 33:III.501.C.6]	Arsenic (and compounds) <= 0.200 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
584	[LAC 33:III.501.C.6]	Arsenic (and compounds) <= 0.446 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
585	[LAC 33:III.501.C.6]	Barium (and compounds) <= 0.500 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
586	[LAC 33:III.501.C.6]	Barium (and compounds) <= 1.869 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
587	[LAC 33:III.501.C.6]	Benzene <= 0.112 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum

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588	[LAC 33:III.501.C.6]	Benzene <= 0.986 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
589	[LAC 33:III.501.C.6]	Benzyl chloride <= 0.498 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
590	[LAC 33:III.501.C.6]	Beryllium (Table 51.1) <= 0.063 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
591	[LAC 33:III.501.C.6]	Beryllium (Table 51.1) <= 0.070 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
592	[LAC 33:III.501.C.6]	Biphenyl <= 0.002 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
593	[LAC 33:III.501.C.6]	Bromoform <= 0.028 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
594	[LAC 33:III.501.C.6]	Cadmium (and compounds) <= 0.095 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
595	[LAC 33:III.501.C.6]	Cadmium (and compounds) <= 0.106 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
596	[LAC 33:III.501.C.6]	Carbon disulfide <= 0.092 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
597	[LAC 33:III.501.C.6]	Carbon monoxide <= 4482.36 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
598	[LAC 33:III.501.C.6]	Carbon monoxide <= 4825.16 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
599	[LAC 33:III.501.C.6]	Chlorinated Dibenz-P-Dioxins <= 0.00006 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
600	[LAC 33:III.501.C.6]	Chlorinated dibenzofurans <= 0.0002 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
601	[LAC 33:III.501.C.6]	Chlorine < 0.001 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
602	[LAC 33:III.501.C.6]	Chlorobenzene <= 0.016 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
603	[LAC 33:III.501.C.6]	Chloroethane <= 0.030 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
604	[LAC 33:III.501.C.6]	Chloroform <= 0.042 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
605	[LAC 33:III.501.C.6]	Chromium VI (and compounds) <= 0.047 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum

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606 [LAC 33:III.501.C.6]	Chromium VI (and compounds) <= 0.190 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
607 [LAC 33:III.501.C.6]	Cobalt compounds <= 0.088 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
608 [LAC 33:III.501.C.6]	Cobalt compounds <= 0.881 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
609 [LAC 33:III.501.C.6]	Copper (and compounds) <= 0.108 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
610 [LAC 33:III.501.C.6]	Copper (and compounds) <= 0.282 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
611 [LAC 33:III.501.C.6]	Cumene <= 0.004 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
612 [LAC 33:III.501.C.6]	Cyanide compounds <= 1.776 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
613 [LAC 33:III.501.C.6]	Dichloromethane <= 0.206 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
614 [LAC 33:III.501.C.6]	Dimethyl sulfate <= 0.034 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
615 [LAC 33:III.501.C.6]	Ethyl benzene <= 0.010 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
616 [LAC 33:III.501.C.6]	Ethyl benzene <= 0.074 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
617 [LAC 33:III.501.C.6]	Formaldehyde <= 5.050 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
618 [LAC 33:III.501.C.6]	Formaldehyde <= 7.250 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
619 [LAC 33:III.501.C.6]	Hydrochloric acid <= 52.045 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
620 [LAC 33:III.501.C.6]	Hydrochloric acid <= 82.574 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
621 [LAC 33:III.501.C.6]	Hydrofluoric acid <= 19.670 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
622 [LAC 33:III.501.C.6]	Hydrofluoric acid <= 5.441 tons/yr. Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
623 [LAC 33:III.501.C.6]	Isophorone <= 0.412 tons/yr. Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

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- 624 [LAC 33:III.501.C.6] Lead compounds <= 0.235 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 625 [LAC 33:III.501.C.6] Lead compounds <= 0.514 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 626 [LAC 33:III.501.C.6] Manganese (and compounds) <= 0.448 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 627 [LAC 33:III.501.C.6] Manganese (and compounds) <= 0.448 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 628 [LAC 33:III.501.C.6] Mercury (and compounds) <= 0.070 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 629 [LAC 33:III.501.C.6] Mercury (and compounds) <= 0.078 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 630 [LAC 33:III.501.C.6] Methyl Tertiary Butyl Ether <= 0.024 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 631 [LAC 33:III.501.C.6] Methyl bromide <= 0.114 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 632 [LAC 33:III.501.C.6] Methyl chloride <= 0.376 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 633 [LAC 33:III.501.C.6] Methyl ethyl ketone <= 0.278 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 634 [LAC 33:III.501.C.6] Methyl methacrylate <= 0.014 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 635 [LAC 33:III.501.C.6] Monomethyl hydrazine <= 0.120 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 636 [LAC 33:III.501.C.6] Naphthalene <= 0.170 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 637 [LAC 33:III.501.C.6] Naphthalene <= 0.193 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 638 [LAC 33:III.501.C.6] Nickel (and compounds) <= 0.345 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 639 [LAC 33:III.501.C.6] Nickel (and compounds) <= 12.361 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 640 [LAC 33:III.501.C.6] Nitrogen oxides <= 18832.88 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 641 [LAC 33:III.501.C.6] Nitrogen oxides <= 33057.40 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

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- 642 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) <= 519.87 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 643 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) <= 941.80 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 644 [LAC 33:III.501.C.6] Phenol <= 0.012 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 645 [LAC 33:III.501.C.6] Polynuclear Aromatic Hydrocarbons <= 0.614 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 646 [LAC 33:III.501.C.6] Polynuclear Aromatic Hydrocarbons <= 0.713 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 647 [LAC 33:III.501.C.6] Propionaldehyde <= 0.270 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 648 [LAC 33:III.501.C.6] Selenium (and compounds) <= 0.317 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 649 [LAC 33:III.501.C.6] Selenium (and compounds) <= 2.212 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 650 [LAC 33:III.501.C.6] Styrene <= 0.018 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 651 [LAC 33:III.501.C.6] Sulfur dioxide <= 10976.94 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 652 [LAC 33:III.501.C.6] Sulfur dioxide <= 4443.28 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 653 [LAC 33:III.501.C.6] Sulfuric acid <= 28,310 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 654 [LAC 33:III.501.C.6] Tetrachloroethylene <= 0.030 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 655 [LAC 33:III.501.C.6] Toluene <= 0.998 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 656 [LAC 33:III.501.C.6] Toluene <= 1.056 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 657 [LAC 33:III.501.C.6] VOC, Total <= 277.45 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 658 [LAC 33:III.501.C.6] VOC, Total <= 298.27 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 659 [LAC 33:III.501.C.6] Vinyl acetate <= 0.006 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

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- 660 [LAC 33:III.501.C.6] Xylene (mixed isomers) <= 0.017 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 661 [LAC 33:III.501.C.6] Xylene (mixed isomers) <= 0.040 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 662 [LAC 33:III.501.C.6] Zinc (and compounds) <= 0.869 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 663 [LAC 33:III.501.C.6] Zinc (and compounds) <= 5.071 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 664 [LAC 33:III.501.C.6] alpha-Chloroacetophenone <= 0.006 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 665 [LAC 33:III.501.C.6] n-Hexane <= 52.932 tons/yr.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
- 666 [LAC 33:III.501.C.6] n-Hexane <= 95.984 tons/yr.
 Which Months: All Year Phases: Phase I Statistical Basis: Annual maximum
- 667 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.
- 668 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.
- 669 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.
- 670 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 671 [LAC 33:III.919.D] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.
- Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.